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METEOROLOGICAL OFFICE

RÉSEAU MONDIAL 1929

MONTHLY AND ANNUAL SUMMARIES OF PRESSURE, TEMPERATURE, AND PRECIPITATION BASED ON A WORLD-WIDE NETWORK OF OBSERVING STATIONS

Published by the Authority of the Meteorological Committee

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RÉSEAU MONDIAL, 1929

PREFACE

The Réseau Mondial is published under the auspices of the International Meteorological Committee, which has appointed a Commission, the International Commission for the Réseau Mondial, to foster the enterprise. An account of its early history is given in the preface to the volume for 1914. The publication of the data commenced in 1917 with the annual volume for 1911, and during the four following years the volumes for 1912, 1913, 1910 and 1914 were issued, in that order. Since the appearance of the volume for 1914, meetings of the commission have taken place, in connexion with the meetings of the International Meteorological Committee held in London in 1921, in Zurich in 1926, in Copenhagen in 1929, and in Warsaw in 1935. At the London meeting the Commission approved the general form in which the results had been published, and adopted a resolution, subsequently endorsed by the Committee, requesting that the publication of similar data for ensuing years might be continued. In compliance with that request, fifteen additional volumes have now been issued.

The volume for 1921 for the first time gave effect to a wish, also voiced at the meeting held in London, for the inclusion of data from the oceans as well as from land stations. In that volume the information was confined to two five-degree "squares" in the North Atlantic. In subsequent volumes the number of squares varied from year to year, being as high as 14 in 1924 and 1925. In general, mean values are deduced from not less than 365 observations per year, thus putting a square on a par with a land station observing once daily, but where the total number of observations in any one month falls to 14 or less, the mean values for that month are omitted from the tables. In recent years the number of observations available from ships has greatly decreased, and in 1929 only two squares satisfy the criterion of 365 observations, namely 333a, 62°-57°N., 20°-15°W. and 831, 10°-5°N., 30°-25°W. The data for these two squares will be found intercalated among the observations from land stations. They include:-

(1) the mean latitude and longitude of the observations, calculated separately for each month.

(2) the number of observations (entered in the column for "height").

(3) the mean pressure.

(4) the mean temperature of the sea surface. For convenience these figures have been entered in the column for the date of the absolute maximum temperature.

(5) the mean temperature of the air.

It will be observed that in one square two figures are given for each month as the number of observations. These different figures refer to the different elements; the number of observations of pressure available in any month frequently differs from the number of observations of sea temperature or of air temperature. The differences are in general not of sufficient importance to affect appreciably the mean latitude and longitude. Differences from normal are given where possible; the sources of these normals are stated in the "Table of Authorities".

At the meeting of the Commission held in Zurich in 1926, the following rules were adopted to regulate the practice regarding the normals to be used at land stations in the Réseau Mondial.

" (a) Departures from normal will not be employed unless the series of observations available covers a period of ten years or more.

(b) A normal will be prepared for any station as soon as ten years' observations are available. This normal will remain in use for the next five years. When data for 15 years are available, the normal will be revised. A further revision will take place when data for 25 years become available, and a final revision when data for 35 years become available. Normals covering a period of 35 years or more will only be revised when opportunity offers.

(c) While the procedure laid down in paragraph (b) will be the one usually followed, advantage will be taken of any re-determinations of normals which become available. Such an opportunity is presented by the publications of the collection of the 'Long Series' data which is now being made by the Smithsonian Institution, and normals based on these data will be brought into use in the volume of the Réseau Mondial for 1921.

(d) When an official meteorological service publishes departures from normal in its current publication these may, if thought desirable, be used in the Réseau Mondial.

(e) The periods covered by the normals will be set out in the "Table of Authorities" as at present. Whenever new normals are introduced the attention of readers will be called to the change by adding an appropriate sign to the figures to which the new normal has first been applied.

(f) These instructions will be brought into use when the compilation of the volume for the year 1921 is commenced."

In editing the present volume these rules have been closely followed.

At the meeting of the Commission in Warsaw in 1935 the President stressed the growing difficulty which he experienced in collecting the necessary data for the Réseau Mondial. The Commission proposed the following Resolution, which was adopted by the Conference:-

"The Conference desires Meteorological Institutes to communicate summaries of the meteorological observations for stations under their control which are included in the Réseau Mondial, to the Director of the Meteorological Office, London, within twelve months of the end of the year to which the observations refer. If the data are not published in suitable form within this period, summaries should be communicated in manuscript on forms which will be supplied for the purpose."

The membership of the Commission, after the meeting of the Commission at Warsaw in September 1935 was as follows:- Sir George Simpson, Great Britain (President); Mr. C. C. Boughner, Canada; Dr. C. E. P. Brooks, Great Britain; Dr. D. La Cour, Denmark; Prof. F. Eredia, Italy; Prof. E. van Everdingen, Holland; Capt. N. I. Evgenoff, Russia; Dr. J. de Sampaio Ferraz, Brazil; Prof. H. von Ficker, Germany; Signor F. Francini, Italy; Dr. S. Fujiwhara, Japan; Dr. L. Gain, France; Prof. B. Helland-Hansen, Norway; Dr. Th. Hesselberg, Norway; Prof. J. Keränen, Finland; Dr. E. Kidson, New Zealand; Mr. J. B. Kincer, United States of America; Dr. K. Knoch, Germany; Dr. C. W. B. Normand, India; Prof. T. Okada, Japan; Capt. de Frégate J. Rouch, France; Dr. J. W. Sandström, Sweden; Prof. Dr. W. Schmidt, Austria; Dr. T. Schumann, South Africa; Mr. C. D. Stewart, Malaya; Prof. H. U. Sverdrup, Norway; Mr. W. S. Watt, Australia; M. Ph. Wehrlé, France; Prof. V. I. Wiese, Russia; Major C. Zappa, Italy.

A list of the additions or changes made in the network of stations since the issue of the preceding volume is given below. These changes have been made in consultation with the Directors of the National Meteorological Services concerned.

Additions:-

Zone 2, 70° to 60° N.	.....	202,	Savoonga.
Zone 4, 50° to 40° N.	.....	451a,	Andijan.
Zone 8, 10° to 0°	.....	858a,	Singapore (Mt. Faber).
Zone 9, 0° to 10° S.	.....	920,	Lambayeque.
		921,	Quito.
Zone 10, 10° to 20° S.	.....	1024,	La Paz, Bolivia. (Data for 1918-28 published in La Paz, Res. Obs. Meteor., 1918-1929).
Zone 13, 40° to 50° S.	.....	1370,	Alexandra.

Substitutions:-

Zone 5, 40° to 30° N.	.....	538,	Algiers for Algiers (Bouzareah).
Zone 9, 0° to 10° S.	.....	944,	Nairobi (Kabete Obs.) for Nairobi (Dept. Agric.)
Zone 10, 10° to 20° S.	.....	1022,	Arica for Tacna.
		1065,	Palmerville for Mein.
Zone 11, 20° to 30° S.	.....	1122,	Antofagasta for Iquique.
Zone 12, 30° to 40° S.	.....	1226,	Montevideo (Prado) for Montevideo (Obs. Central).

A change in site has been made at the following station:-

Zone 7, 20° to 10° N.	.....	736,	Timbuktu.

The following stations have been deleted:-

Zone 3, 60° to 50° N.	.....	301,	Atka.					
Zone 5, 40° to 30° N.	.....	540,	Riposto.					
Zone 9, 0° to 10° S.	.....	930a,	5°	to	10° S.,	35°	to	30° W.
Zone 10,10° to 20° S.	.....	1030a,	15°	to	20° S.,	40°	to	35° W.
		1030b,	10°	to	15° S.,	40°	to	35° W.
Zone 11,20° to 30° S.	.....	1128a,	25°	to	30° S.,	50°	to	45° W.
Zone 12,30° to 40° S.	.....	1126b,	30°	to	35° S.,	55°	to	50° W.

Data for the following stations are missing:-

Zone 1, 80° to 70° N.	.....	101,	Wrangell Island.
Zone 2, 70° to 60° N.	.....	162,	Bouloune.
		201,	Preobrajenye.
		243,	Kola.
		244,	Petrozavodsk.
		246,	Mezen.
		250,	Obdorsk.
		251,	New Port.
		253,	Doudinka.
		261,	Viliouisk.
		264,	Petropavlovskoe.
		268,	Naiakhan.
Zone 3, 60° to 50° N.	.....	321,	Fort George.
		326,	Belle Isle.
		344,	Kiiv.
		361,	Tygan Ourkan.
		364,	Chantar Bolchoy.
		369,	Kluchevskoye.
		370,	Nikolskoe.
Zone 4, 50° to 40° N.	.....	444,	Kharkiv (University)
Zone 5, 40° to 30° N.	.....	543,	Ankara (Angora).
		546,	Lenkoran.
Zone 7, 20° to 10° N.	.....	735,	Niénébalé.
Zone 8, 10°N. to 0°	.....	833,	Konakri.
Zone 9, 0° to 10° S.	.....	940,	Brazzaville.
Zone 11,20° to 30° S.	.....	1164,	William Creek.

The total number of stations utilised was 462 as against 468 in 1928.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL FOR THE YEAR 1929.

Subdivision of the Globe and numbering of Stations.- In order to facilitate the grouping of the information, the surface of the globe is divided into zones each covering ten degrees of latitude. These zones are numbered consecutively from north to south, the number 1 being assigned to the zone extending from latitude 80°N. to latitude 70°N., the northernmost one for which information is available. The southernmost zone in the southern hemisphere for which observations are available, that extending from latitude 60°S. to latitude 70°S., accordingly becomes zone No. 15.

An identification number is assigned to each station. The first one or two digits in this number specify the zone to which the station belongs, and the last two digits indicate its position in longitude. For the latter purpose the zones are subdivided into 36 "squares" each extending over ten degrees of longitude, and two station numbers are assigned to each square. The enumeration of the stations starts from longitude 180° west of the meridian of Greenwich and proceeds eastward. A few examples will make the system clear. Station numbers 101 and 102 refer to the stations in zone 1 (i.e. between latitude 80°N. and 70°N.) between longitude 180°W. and 170° W., station numbers 335 and 336 to the stations in zone 3 (latitude 60°N. to 50° N.) between longitude 10° W. and 0°; station numbers 1147 and 1148 to the stations in zone 11 (latitude 20° S. to 30° S.) between longitude 50° E. and 60° E., i.e. to the Indian Ocean. In cases where it has been found desirable to give data for more than two stations in one "square" the additional stations are distinguished by adding the letter "a" to the numbers appropriate to the square. For two squares in zone 6 it was considered desirable to give data representing conditions at high and low levels. In square 30°N.-20°N., 20°W.-10°W. the mountain station Izaña has been included as well as La Laguna and in square 30°N.-20°N., 90°.-100°E. the mountain station Cherrapunji as well as Gauhati. The mountain station is indicated in each case by the addition of the letter "m" to the number appropriate to the low level station.

In the monthly tables the data are arranged by zones, and within each zone, in the order of the identification numbers of the stations.

Units.- Absolute units related to the metric system are employed throughout. The scale on which temperatures are recorded in the Réseau Mondial is such that the freezing point of water under atmospheric pressure is 273°A. precisely. Other temperatures differ by 273·0° from readings on the Centigrade scale. Conversion tables, showing the relation of these units to the units more commonly in use, will be found on pp. xvi to xviii of the Réseau Mondial for 1914.

Authorities.- The data have been transcribed in most cases from the publications of the various meteorological institutes received in the Library of the Meteorological Office. Particulars of the sources from which they have been taken will be found in the Table showing the Authorities for the Meteorology of the Globe, printed at the end of the volume. In many cases the volumes for 1929 have not yet been issued, and the data have therefore been taken from advanced manuscript copies supplied by the courtesy of the Directors concerned, whose valued co-operation is hereby acknowledged. The data for some stations in the British Colonies have been transcribed from manuscript returns received in the Meteorological Office, and have not yet been published elsewhere. The majority of the stations for which information is given are under the control of Government Meteorological Services; it is therefore assumed that the recognised conventions regarding the instruments and their exposure have been followed. In the case of other stations, information on these points is sometimes lacking, but no observations have been included that are known to be faulty in this respect. The positions of stations, their heights above sea-level, and the spelling of names, have been taken from the official meteorological publications, if given, but in some cases it has been necessary to complete this information from other sources.

Data for certain Siberian stations, not received through the usual channels in time for publication in this volume, have been extracted from Smithsonian Miscellaneous Collections, Vol. 90, World Weather Records, published in May, 1934.

In the tables for 1918 the symbol ⁂ was introduced to signify the true, or 24-hour, mean temperature. The letters a, b, c, etc., have replaced the symbols used in the volume for 1917 as references to the notes at the end of the Table of Authorities.

Height above Sea Level.- Particulars of the datum used in the European Countries when specifying heights above sea level will be found in the Introduction to the volume of Tables for 1914.

Normals.- Whenever possible, the departures from normal of the monthly values of mean pressure, mean temperature and precipitation, are given. In all cases an endeavour is made to ensure that the normals are based on the same combination of values as the current data, or a comparable one. The years to which the normals refer are given in the Table showing the Authorities for the Meteorology of the Globe at the end of the volume.

Pressure.- The tables provide space for the entries of mean monthly pressure both at station level and at mean sea level. If the values at sea level are not given in the publication from which the data have been transcribed, they have been computed in the Meteorological Office for stations not exceeding 2,000 metres in altitude, for which the heights above sea level were accurately known. The reduction is based on an expansion of the formula $p_s = pe^{\frac{z}{KT}}$ and assumes that the temperature decreases upwards at the rate of 0·5° C. per 100 metres and that the average relative humidity of the air column between the station and sea-level is 50 per cent. The monthly means of pressure are based for preference on hourly values, but when such are not available, combinations of observations at fixed hours have been used. Particulars of the combination adopted at each station are given in the Table showing the Authorities for the Meteorology of the Globe under the heading "Remarks". For certain stations the correction required to reduce the means computed in this way to the means computed from hourly observations will be found in Table 1(p.vii) of the Réseau Mondial 1928. In cases in which it is possible to give values both for station level and for sea level, the differences from normal refer to the latter, except at the stations to which the letter "q" is given in the list of Authorities, for which the differences from normal refer to station level.

Temperature.- The monthly tables include the means of the daily readings of maximum and minimum thermometers, the highest reading of the maximum and the lowest reading of the minimum thermometers, the mean temperature obtained from the mean maximum and mean minimum, and a column giving the observed or deduced mean of 24 hourly values per day.

The column headed "24 hr. mean" contains: in Roman type, means based on at least six equally-spaced observations each day: in italic type, either (a) means based on observations at one or more fixed hours, with or without an appropriate correction; or (b) means obtained by applying an appropriate correction to the mean of the mean daily maximum and mean daily minimum. The methods by which these figures in italics have been deduced are in all cases set out in the Table of Authorities in the column headed "Remarks" pp. 105 - 114.

Precipitation.- The term precipitation includes rain, snow, hail, and (if of measurable amount) dew. The solid precipitates are measured by the depths of water they yield or are computed to yield when melted.

Wind.- No information regarding wind is included in the general tables, but on the last page of the volume, the monthly Resultant Direction and "Constancy" computed from daily observations of wind are given for selected stations in the tropics. No account is taken of wind strength in computing these quantities; each observation of direction is regarded as a unit vector and the resultant direction is obtained by compounding the unit vectors. The "constancy" is represented by 100 times the ratio of the vector sum of the unit vectors to the number of observations (calms included). Direction is specified by the azimuth of the point from which the wind is blowing, and is measured in degrees from north through east.

State of Ice in the Arctic Seas.- Statistical information is given for each month on the last page of the volume.

Bibliography of the Meteorology of the Globe.- A bibliography will be found on page xv of the Réseau Mondial 1914.

1910 - 1929:-

834. Freetown, Sierra Leone. Height should read 55·0 m. throughout. Pressure valves at M.S.L. should have a correction of -1·6 mb. applied.

1912 - 1927:-

550. Quetta. Table of Authorities: Remarks: for 'P = 8h.' read 'P = 7h.'

1926 - 1929:-

1224. Bahia Blanca. Height of barometer changed on November 23rd 1926 from 25m. to 29m. therefore December 1926 and throughout 1927, 1928 and 1929, height should read 29m.

1927:-

101. Wrangell Island. Table of Authorities: delete "& derived from these hours."

1928:-

271. Novo Mariinski Post. Height should read 17·2m. Pressure: January to July and Year, delete all values. August to December, substitute values as given on page VIII Precipitation: March, April, October, November, December and Year, delete. September for 20,-8mm. read 22, -6mm.

350. Tobolsk. Insert the following temperature:-

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Mean Min. °A.	251·4	252·8	255·9	268·0	277·3	283·9	287·5	284·4	280·1	270·5	259·5	254·3	268·8
Absolute Min.°A.	233·0	240·7	245·6	255·5	267·3	276·5	281·9	278·2	274·0	251·8	243·3	241·4	233·0
Date	6th	5th	10th	5th	1st	2nd	3rd,4th	24th	30th	25th	28th	23rd	Jan.6

353. Barnaoul. Height: for 162m. read 158m.

366. Okhotsk. Height: for 6·0m. read 5·5m. Precipitation: January to April, June, October, November and Year, delete.

368. Petropavlovsk (Phare). Insert the following temperature:- December : Mean Max., 267·2, Absolute max. 272·8. Date, 17th. Mean of max and min. 264·9.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Mean Min. °A.	260·1	262·2	267·6	270·2	273·7	278·3	283·2	283·3	280·1	273·7	266·5	262·6	271·8
Absolute Min.°A.	251·4	256·7	264·3	266·6	271·8	275·0	279·0	280·5	277·0	267·5	262·9	255·2	251·4
Date	20th	6th,25th	11th	10th	6th	1st	1st	30th	28th	29th	10th	15th	Jan.20

446. Astrakan. Height: for -13·8m. read -20m. and apply a correction of -0·8mb. to pressure mean at M.S.L. and diff. from normal, throughout.

1041. Livingstone. Pressure: diff. from normal, June, delete.

1041a. Elisabethville. Pressure: diff. from normal, June, insert -0·4mb.

1929:-

435. Madrid. Pressure: a gravity correction of -0·4mb. to be applied to all values.

535a. Mellila. Pressure: a gravity correction of -0·9mb. to be applied to all values.

537. Palma. Pressure: a gravity correction of -0·5mb. to be applied to all values.

634. La Laguna. Pressure: a gravity correction of -1·4mb. to be applied to all values.

634m. Izaña. Pressure: a gravity correction of -1·5mb. to be applied to all values.

1024. La Paz, Bolivia. Insert dates of absolute max. and absolute min. temperature.

	Jan.	Feb.	Mar.	Apr.	May	June
Absolute Max. date	30th.	22nd.	3rd.	16th.	5th	6th
Absolute Min. date	5th	7th	26th	30th	18th	22nd

1126. Asuncion. Precipitation: February, for 37mm. read 6mm.

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ADDITIONS AND CORRECTIONS - continued.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. 24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
	1928:-	° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island 1928	70 58	178 33	6·9														
	January				1010·0	1011·0	..	255·3	273·1	31st	244·3	232·4	17th	249·8	..	..	30	..
	February				1017·0	1018·0	..	253·7	270·2	22nd,23rd	245·0	235·0	5th	249·4	..	..	9	..
	March				1027·6	1028·6	..	252·0	263·9	1st	244·2	236·8	25th	248·1	..	..	10	..
	April				1020·8	1021·7	..	262·3	270·3	9th	254·6	244·2	6th	258·4	..	..	16	..
	May				1017·2	1018·1	..	267·8	277·5	15th	261·2	251·6	9th,10th	264·5	..	..	14	..
	June				1008·8	1009·7	..	276·6	279·8	10,19,20	271·3	267·0	2nd	274·0	..	..	13	..
	July				1008·8	1009·7	..	279·2	285·2	20th	273·6	271·8	7th	276·4	..	..	19	..
	August				1010·7	1011·6	..	276·9	282·1	10th	272·7	270·7	14th	274·8	..	..	25	..
	September				1011·6	1012·5	..	274·0	280·7	11th	269·3	262·6	26th	271·9	..	..	12	..
	October				1003·9	1004·8	..	267·8	273·5	31st	260·7	250·2	25th	264·2	..	..	28	..
	November				1008·0	1008·9	..	259·8	274·4	3rd	252·2	239·4	22nd,23rd	255·9	..	..	6	..
	December				1010·4	1011·4	..	255·0	271·5	4th	247·0	237·1	26th	251·0	..	..	4	..
	Year				1013·0	1013·9	..	265·0	295·2	July 30	258·1	232·4	Jan.17	261·5	..	..	186	..
162	Boulgouns 1928	70 45	127 47	? 35														
	January																	
	February				1019·3	1025·1	..	..	..	..	227·9	218·5	16th	..	*231·2*	- 0·9	5	..
	March				1017·1	1022·2	..	..	..	..	235·3	220·8	2nd	..	*239·8*	+ 1·4	10	..
	April				1013·8	1018·4	..	..	..	..	243·9	230·9	15th	..	*249·2*	+ 2·5	6	..
	May				1011·1	1015·8	..	..	..	..	255·3	241·3	6th	..	*260·5*	+ 3·2	0	..
	June				1008·8	1013·1	..	..	..	..	263·1	254·1	12th	..	*266·5*	- 2·1	4	..
	July				1002·3	1006·8	..	..	..	..	275·4	268·1	6th	..	*278·8*	- 1·2	37	..
	August				1005·4	1009·8	..	..	..	..	278·8	273·1	29th	..	*283·4*	- 1·3	51	..
	September				1010·7	1015·0	..	..	..	..	279·2	273·4	14th	..	*283·1*	+ 1·5	26	..
	October				1006·4	1010·8	..	..	..	..	271·1	265·2	29th	..	*274·1*	- 0·8	30	..
	November				1006·4	1010·0	..	..	..	..	255·0	235·5	31st	..	*252·1*	- 1·5	44	..
	December				1017·8	1022·8	..	..	..	..	237·6	228·5	25th	..	*241·1*	- 1·7	6	..
	Year				1010·8	1015·4	..	..	..	..	238·6	226·2	30th	..	*242·8*	+ 6·5	8	..
											255·1	218·5	Jan.16	..	*259·0*	+ 0·4	227	..
248	Tcherdyn 1928	60 24	56 31	?208														
	January																	
	February				988·3	1015·7	- 4·2	261·8	271·2	16th	255·9	239·5	5th	258·8	*259·7*	+ 3·4	29	- 9
	March				990·6	1018·1	+ 0·2	262·3	273·5	14th	255·4	246·7	8th	258·9	*259·6*	- 0·1	30	+ 4
	April				991·6	1018·7	+ 1·9	268·0	280·6	23rd	257·5	247·1	2nd	262·8	*262·3*	- 2·6	6	-22
	May				985·2	1011·2	- 4·4	277·1	285·4	29th	267·5	258·3	14th	272·3	*271·5*	- 2·7	26	+ 3
	June				991·4	1016·7	+ 2·3	286·3	295·7	16th	275·8	265·2	3rd	281·0	*280·6*	0·0	44	- 7
	July				979·4	1004·0	- 5·9	290·5	297·6	13th	281·3	273·1	1st	285·9	*285·3*	- 1·9	133	+81
	August				983·0	1007·2	- 1·9	295·3	302·7	12th	285·5	281·2	3rd	290·4	*289·9*	- 0·1	127	+66
	September				985·8	1010·2	- 0·4	292·7	300·5	13th	282·8	276·0	27th	287·6	*287·3*	+ 0·4	47	-24
	October				993·5	1018·8	+ 6·2	287·1	296·3	4th	278·5	271·6	30th	282·8	*282·2*	+ 1·2	57	-13
	November				997·9	1013·8	- 2·0	276·1	284·0	12th	271·0	256·3	24th	273·6	*273·6*	+ 0·8	82	+28
	December				994·0	1021·1	+ 3·7	266·1	277·0	1st	260·2	248·1	22nd	263·2	*263·1*	- 0·9	45	- 7
	Year				995·5	1022·8	+ 5·6	264·0	268·0	7th	259·3	245·6	23rd	261·6	*261·6*	+ 4·4	33	- 6
					988·8	1014·8	+ 0·1	277·3	302·7	July 12	269·2	239·5	Jan.5	273·2	*272·9*	+ 0·2	659	+94
264	Petropavlovskoe 1928	60 25	134 28	?163														
	January																	
	February				1003·9	1029·1	..	..	..	..	223·6	215·9	19th	..	*227·1*	..	3	..
	March				999·8	1023·9	..	..	..	..	230·2	220·7	7th	..	*235·9*	..	5	..
	April				998·2	1020·5	..	261·4	271·0	27th	247·3	235·4	8th	254·4	*254·8*	..	5	..
	May				990·5	1011·6	..	274·4	282·5	28th	260·6	237·8	5th	267·5	*269·2*	..	7	..
	June				983·9	1003·9	..	284·4	291·5	22nd	272·8	264·9	2nd	278·6	*279·0*	..	20	..
	July				984·4	1003·8	..	293·4	301·1	19th	280·8	273·7	9th	287·1	*287·8*	..	38	..
	August				985·1	1004·3	..	295·4	305·5	5th	285·7	279·3	17th	290·6	*290·6*	..	41	..
	September				990·6	1010·2	..	293·1	302·6	7th	282·6	274·3	20th,30th	287·8	*287·7*	..	51	..
	October				988·6	1008·8	..	282·4	294·6	4th	273·8	268·1	28th	278·1	*278·0*	..	54	..
	November				995·6	1016·9	..	270·1	277·4	12th	262·0	244·2	29th	266·0	*265·8*	..	18	..
	December				998·7	1021·7	..	..	..	..	243·3	230·0	30th	..	*247·0*	..	20	..
	Year				999·1	1023·5	..	..	..	..	229·0	220·1	31st	..	*233·0*	..	9	..
					993·2	1014·7	..	..	305·5	July 5	257·6	215·9	Jan.19	..	*263·0*	..	271	..
268	Nejakan 1928	61 55	158 59	29·0														
	May																	
	June				1004·7	1008·3	..	278·0	284·3	17th	271·6	265·6	5th	274·8	*274·9*	..	18	..
	August				1004·3	1007·8	..	..	..	..	276·7	270·5	7th	..	*281·0*	..	18	..
	September				1007·9	1011·4	..	..	..	..	279·4	271·6	28th	..	*283·7*	..	21	..
	October				1005·4	1009·0	..	..	..	..	273·0	267·7	26th	..	*278·5*	..	44	..
	November				1004·0	1007·7	..	..	..	..	264·1	251·8	25th,30th	..	*258·1*	..	11	..
	December				1007·4	1011·3	..	257·9	263·8	28th	252·9	244·4	26th	255·4	*255·9*	..	3	..
					1002·4	1006·3	..	256·3	266·0	8th	250·9	241·1	28th	253·6	*254·1*	..	..	..
271	Novo-Marinskii Post 1928	64 45	177 33	17·2														
	January																	
	February				..	..	..	256·2	273·8	2nd	247·9	232·6	18th	252·0	..	..	..	..
	March				..	..	..	256·5	273·9	22nd	250·1	231·9	7th,9th	253·3	..	..	..	..
	April				..	..	..	..	271·5	3rd	247·2	238·0	15th	..	..	..	..	..
	May				..	..	..	..	..	..	255·0	240·6	3rd	..	..	..	..	..
	June				..	..	..	..	..	..	255·9	254·9	1st	..	..	..	..	..
	July				..	..	..	..	..	..	273·7	268·7	17th	..	..	..	..	..
	August				..	..	..	..	..	..	278·9	274·9	1st	..	..	..	..	..
	September				1008·7	1010·8	+ 0·2	283·4	295·6	9th	279·6	272·2	31st	282·5	..	..	..	..
	October				1008·3	1010·4	- 0·3	279·1	284·0	22nd	273·2	268·3	16th	276·2	..	..	..	..
	November				1002·4	1004·6	- 7·3	270·0	278·5	1st,8th	264·0	248·4	29th	267·0	..	..	..	..
	December				1006·0	1008·2	- 2·4	..	270·4	12th	249·2	234·2	26th	..	..	..	..	..
	Year				1005·5	1007·8	- 7·3	..	288·4	29th	246·0	235·1	23rd,26th	..	..	..	..	..
					..	..	..	..	..	..	260·9	231·9	Feb.7,9	..	..	..	..	..

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. 24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
	1928 - continued	° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
348	Perm 1928	58 1	56 16	163														
	January				..	..	..	263·1	271·3	16th	257·7	241·0	5th	260·4	..	..	..	..
	February				..	..	..	263·9	275·3	14th	255·2	242·3	8th	259·6	..	..	..	..
	March				..	..	..	268·7	280·9	28th	258·1	247·6	18th	263·4	..	..	..	..
	April				..	..	..	278·0	289·0	29th	269·3	259·4	4th	273·6	..	..	..	..
	May				..	..	..	289·3	299·0	16th	277·0	268·5	2nd	283·2	..	..	..	..
	June				..	..	..	292·2	299·7	23rd	282·2	274·7	10th	287·2	..	..	..	..
	July				..	..	..	296·6	303·3	12th	285·5	278·0	3rd	291·0	..	..	..	..
	August				..	..	..	294·5	300·6	14th	283·3	278·3	27th	288·9	..	..	..	..
	September				..	..	..	289·8	298·7	4th	278·8	270·6	29th	284·3	..	..	..	..
	October				..	..	..	278·5	287·5	14th	273·1	263·1	24th	275·8	..	..	..	..
	November				..	..	..	268·9	278·9	11th	263·2	249·0	25th	266·0	..	..	..	..
	December				..	..	..	264·7	269·5	11th	258·4	243·5	23rd	261·6	..	..	..	..
	Year				..	..	..	279·0	303·3	July 12	270·2	241·0	Jan.5	274·6	..	..	..	..
349	Sverdlovsk 1928	56 50	60 38	281														
	January				..	..	..	261·6	270·6	14th	254·1	235·6	4th	257·8	..	..	..	..
	February				..	..	..	264·1	276·3	14th	254·1	236·7	5th	259·1	..	..	..	..
	March				..	..	..	268·6	279·7	25th,29th	258·8	248·7	18th	263·7	..	..	..	..
	April				..	..	..	278·2	289·0	29th	269·3	260·5	5th	273·8	..	..	..	..
	May				..	..	..	289·0	299·5	23rd	276·3	268·4	5th	282·6	..	..	..	..
	June				..	..	..	293·3	303·8	24th	282·5	274·2	10th	287·9	..	..	..	..
	July				..	..	..	295·4	301·8	10th	285·2	279·9	3rd	290·3	..	..	..	..
	August				..	..	..	292·5	299·4	5th	281·8	275·9	31st	287·2	..	..	..	..
	September				..	..	..	286·9	296·1	5th	278·5	269·4	29th	283·7	..	..	..	..
	October				..	..	..	278·2	286·4	3rd	271·4	256·0	25th	274·8	..	..	..	..
	November				..	..	..	268·6	280·2	11th	262·1	248·0	29th	265·4	..	..	..	..
	December				..	..	..	265·0	273·4	13th	258·0	246·6	23rd	261·5	..	..	..	..
	Year				..	..	..	278·6	303·8	June 24	269·3	235·6	Jan.4	274·0	..	..	..	..
351	Akmolinsk 1928	51 12	71 23	347														
	January				..	..	..	259·9	273·0	2nd	250·0	233·1	24th	255·0	..	..	..	..
	February				..	..	..	262·9	274·5	22nd	252·0	234·7	10th	257·4	..	..	..	..
	March				..	..	..	262·0	270·5	31st	248·9	239·3	6th	255·4	..	..	..	..
	April				974·4	1017·8	..	275·7	286·0	30th	266·4	250·4	1st	271·0	..	..	..	..
	May				..	..	..	291·0	298·6	6th	279·7	268·8	2nd	285·4	..	..	..	..
	June				..	..	..	296·8	305·1	26th	283·6	276·8	11th	290·3	..	..	..	..
	July				..	..	..	298·3	306·7	28th	285·8	280·8	1st	292·0	..	..	..	..
	August				..	..	..	295·4	300·3	6th	284·3	279·1	12th	289·8	..	..	..	..
	September				..	..	..	290·0	297·6	7th	279·6	271·6	27th	284·3	..	..	..	..
	October				..	..	..	284·0	297·0	6th	270·7	250·8	26th	277·4	..	..	..	..
	November				..	..	..	272·1	283·5	1st	262·9	242·4	28th	267·5	..	..	..	..
	December				..	..	..	262·2	270·3	18th	250·2	240·2	25th	256·2	..	..	..	..
	Year				977·0	1020·1	..	279·2	306·7	July 28	267·8	233·1	Jan.24	273·5	..	..	..	..
352	Omsk (Experiment Field) 1928	54 59	73 23	105 (redetermined)														
	January				1008·3	1022·7	- 2·7	258·8	268·5	19th	248·3	231·8	24th	253·6	*253·7*	+ 0·1	8	..
	February				1012·0	1026·4	+ 1·2	259·2	274·3	23rd	250·2	234·4	5th	254·7	*254·6*	- 0·7	7	..
	March				1007·8	1021·9	- 2·1	263·4	275·3	26th	252·2	243·2	7th	257·8	*257·5*	- 3·7	2	..
	April				999·6	1012·9	- 7·2	275·1	288·0	30th	268·2	253·6	6th	271·6	*271·2*	- 2·0	44	..
	May				1002·8	1015·5	+ 0·6	289·2	298·2	24th	278·4	268·0	2nd	283·8	*283·6*	- 0·3	57	..
	June				994·7	1007·1	- 3·1	294·9	303·4	27th	284·7	278·4	11th	289·8	*289·5*	- 0·3	57	..
	July				996·8	1010·6	0·0	296·8	304·1	29th	287·0	278·6	1st	291·9	*291·6*	- 0·8	92	..
	August				996·7	1009·1	- 0·3	294·8	298·6	3rd	283·7	278·1	25th	289·2	*288·7*	- 0·7	36	..
	September				1005·8	1018·6	+ 2·6	288·7	297·0	7th	279·1	272·6	18th	283·9	*283·7*	0·0	57	..
	October				1006·4	1019·5	+ 0·1	282·1	297·1	7th	272·1	251·0	25th	277·1	*276·6*	+ 2·0	11	..
	November				1009·4	1023·2	+ 1·5	267·6	281·6	19th	260·2	236·9	27th	263·9	*263·7*	- 0·7	15	..
	December				1016·4	1030·8	+ 6·2	260·1	268·7	17th	251·4	238·4	24th	255·8	*255·8*	- 1·0	5	..
	Year				1004·6	1017·9	- 0·3	277·5	304·1	July 29	268·0	231·8	Jan.24	272·8	*272·5*	- 0·7	391	..
353	Barnaoul 1928	53 20	83 47	156														
	January				..	..	..	261·4	271·0	3rd	252·5	229·7	26th	257·0	..	..	..	..
	February				..	..	..	263·6	275·8	22nd	253·1	233·2	5th	258·4	..	..	..	..
	March				..	..	..	266·1	274·7	14th	250·9	237·6	8th	258·5	..	..	..	..
	April				..	..	..	278·1	285·7	20th	268·9	254·5	1st	273·5	..	..	..	..
	May				..	..	..	290·7	300·3	7th	278·6	267·8	4th	284·6	..	..	..	..
	June				..	..	..	296·5	306·5	28th	284·4	279·6	11th	290·4	..	..	..	..
	July				..	..	..	300·6	305·3	15th,27th	286·2	279·2	22nd	293·4	..	..	..	..
	August				..	..	..	295·9	302·1	23rd	285·5	278·3	17th	290·7	..	..	..	..
	September				..	..	..	291·7	303·7	1st	278·4	268·8	29th	285·0	..	..	..	..
	October				..	..	..	283·8	297·8	7th	271·1	252·4	25th	277·4	..	..	..	..
	November				..	..	..	270·6	280·3	1st	261·9	248·2	5th	266·3	..	..	..	..
	December				..	..	..	259·0	271·2	19th	249·4	231·7	25th	254·2	..	..	..	..
	Year				..	..	..	279·8	306·5	June 28	268·4	229·7	Jan.26	274·1	..	..	..	..
354	Tomsk 1928	56 30	84 58	123														
	January				..	..	..	259·6	268·4	19th	251·4	228·8	26th	255·5	..	..	..	..
	February				..	..	..	262·4	273·6	19th	252·5	229·1	4th	257·5	..	..	..	..
	March				..	..	..	264·9	275·1	25th	254·6	244·3	9th	259·8	..	..	..	..
	April				..	..	..	276·1	290·4	29th	268·7	254·7	6th	272·4	..	..	..	..
	May				..	..	..	287·5	298·2	18th	276·2	268·1	2nd	281·8	..	..	..	..
	June				..	..	..	294·0	304·4	28th	283·2	276·8	3rd	288·6	..	..	..	..
	July				..	..	..	297·6	303·4	17th	286·0	281·5	22nd	291·8	..	..	..	..
	August				..	..	..	294·2	299·6	6th	283·9	278·2	9th	289·0	..	..	..	..
	September				..	..	..	288·8	300·3	1st	277·7	268·2	22nd	283·2	..	..	..	..
	October				..	..	..	281·8	298·1	7th	271·5	252·4	25th	276·6	..	..	..	..
	November				..	..	..	266·0	276·3	1st	257·7	244·8	29th	261·9	..	..	..	..
	December				..	..	..	257·7	269·7	19th	249·0	230·9	24th	253·4	..	..	..	..
	Year				..	..	..	277·6	304·4	June 28	267·7	228·8	Jan.26	272·6	..	..	..	..

RÉSEAU MONDIAL, 1929

ADDITIONS AND CORRECTIONS - continued

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. 24 hr. Mean +	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
	1928 - continued	° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
366	Okhotsk	59 21 N.	143 17 W.	5·5														
	1928																	
	January																	
	February				..	..	..	250·3	256·2	2nd	244·1	235·6	25th	247·2	..	..	..	..
	March				..	..	..	256·2	265·6	28th	247·9	239·8	8th	252·0	..	..	..	..
	April				..	..	..	268·0	272·8	8th	258·2	248·4	15th	263·1	..	..	..	..
	May				..	..	..	272·1	279·1	29th	262·3	249·7	6th	267·2	..	..	..	..
	June				..	..	..	277·6	284·1	18th	272·1	267·0	4th	274·8	..	..	..	..
	July				..	..	..	282·0	292·3	13th	277·0	271·4	6th	279·5	..	..	..	..
	August				..	..	..	286·3	291·5	10th	281·8	277·9	12th	284·0	..	..	..	..
	September				..	..	..	289·1	294·0	15th	282·5	276·1	28th	285·8	..	..	..	..
	October				..	..	..	285·6	296·6	1st	277·2	271·0	23rd	281·4	..	..	..	..
	November				..	..	..	273·6	284·0	11th	266·2	254·3	31st	269·9	..	..	..	..
	December				..	..	..	260·9	270·8	27th	254·5	247·3	19th	257·7	..	..	..	..
	Year				..	..	..	253·4	266·8	5th	247·5	240·6	23rd,26th	250·4	..	..	..	..
					..	..	..	271·3	296·6	Sept.1	264·2	235·6	Jan.25	267·8	..	..	..	..
369	Kluchevskoye	56 21	160 48	23·5														
	1928																	
	January				999·8	1003·0	..	..	..	..	247·4	229·4	18th	..	7252·5	..	..	..
	February				996·0	999·1	..	..	..	..	252·9	240·4	5,6,16	..	*258·5*	..	8	..
	March				1010·4	1013·4	..	..	..	..	260·9	244·1	18th	..	*265·7*	..	13	..
	April				1006·6	1009·7	..	..	..	..	267·3	258·0	2nd	..	*271·1*	..	9	..
	May				1004·7	1007·8	..	..	..	..	273·4	269·2	7th	..	*277·5*	..	16	..
	June				1006·0	1008·8	..	..	..	..	279·1	274·1	6th	..	*284·4*	..	14	..
	July				1005·9	1008·7	..	..	..	..	282·9	276·0	15th	..	*288·3*	..	94	..
	August				1008·4	1011·2	..	..	..	..	282·8	275·6	29th	..	*286·3*	..	65	..
370	Nikolskoe	55 12	165 59	6·6														
	1928																	
	January																	
	February				995·0	999·9	..	268·2	275·3	2nd	263·9	254·4	26th	266·6	*267·3*	..	33	..
	March				993·1	994·0	..	271·2	274·2	9th	265·5	263·1	17th	268·4	*269·0*	..	36	..
	April				1009·0	1009·9	..	273·2	276·5	5th	269·1	262·5	26th	271·2	*271·5*	..	27	..
	May				1010·0	1010·9	..	275·0	278·5	6th	270·4	263·4	4th	272·7	*273·1*	..	20	..
	June				1009·0	1009·8	..	277·9	282·1	10th	273·5	269·2	14th	275·7	*275·8*	..	35	..
	July				1009·9	1010·7	..	281·1	287·9	7th	276·8	271·5	5th	279·0	*279·9*	..	2	..
	August				1010·3	1011·1	..	284·8	288·8	23rd	280·4	276·0	19th	282·6	*282·8*	..	19	..
	September				1012·7	1013·5	..	286·1	287·9	31st	282·3	276·5	29th	284·2	*284·4*	..	36	..
	October				1010·7	1011·5	..	285·4	288·5	3rd	281·1	277·0	6th,8th	283·2	*283·7*	..	66	..
	November				1006·4	1007·2	..	279·9	284·7	3rd	274·9	264·5	21st	277·4	*277·7*	..	44	..
	December				1002·4	1003·3	..	272·5	276·1	8th	268·5	261·4	17th	270·5	*271·0*	..	..	..
	Year				993·2	994·1	..	271·6	276·2	5th	268·0	256·3	Feb.17	269·8	*270·1*	..	..	..
					1005·1	1005·9	..	277·3	288·8	July 23	272·9	253·1		275·1	*275·4*	..	..	..
446	Astrakan	46 21	48 2	-20														
	1928																	
	January																	
	February				..	..	..	267·0	274·0	17th	260·3	248·2	3rd	263·9	..	..	..	..
	March				..	..	..	288·5	281·3	12th	262·7	248·2	7th	265·6	..	..	..	..
	April				..	..	..	271·7	284·0	29th	262·9	252·6	6th	267·3	..	..	..	..
	May				..	..	..	287·0	295·9	30th	276·8	270·0	4th	281·9	..	..	..	..
	June				..	..	..	294·6	302·5	25th	285·2	277·5	6th	289·9	..	..	..	..
	July				..	..	..	298·5	304·4	23rd	291·0	284·1	5th	294·8	..	..	..	..
	August				..	..	..	302·4	306·5	22nd	293·3	289·7	29th	297·8	..	..	..	..
	September				..	..	..	298·9	304·2	3rd	289·7	285·0	23rd	294·3	..	..	..	..
	October				..	..	..	294·3	299·6	3rd	286·0	281·1	30th	290·2	..	..	..	..
	November				..	..	..	286·4	294·0	16th	277·8	270·1	19th	282·1	..	..	..	..
	December				..	..	..	282·0	288·1	9th	275·1	260·7	24th	278·6	..	..	..	..
	Year				..	..	..	272·0	276·4	29th	268·0	258·7	25th	270·0	..	..	..	..
					..	..	..	285·3	306·5	July 22	277·4	248·2	Jan.3,Feb.7	281·4	..	..	..	..
538	1929:- Algiers	N.	E.															
	1929																	
	January	36 46	3 13	59	1014·1	1021·3	+ 1·7	286·5	290·3	21st	281·1	277·0	2nd	283·8	283·4	- 1·5	154	+30
	February				1007·9	1015·0	- 3·0	288·2	295·2	23rd	282·4	278·5	9th	285·3	285·2	- 0·5	145	+85
	March				1011·9	1019·0	+ 3·6	289·3	295·4	9th,10th	283·3	275·9	1st	286·5	286·4	- 0·5	62	-15
	April				1006·5	1013·5	- 1·1	293·9	301·5	21st	286·3	280·5	4th,8th	290·1	289·5	+ 0·9	10	-41
	May				1006·1	1015·1	+ 0·1	294·9	307·5	29th	288·0	284·6	2nd	291·5	291·2	+ 0·1	104	+73
	June				1010·0	1016·9	+ 1·1	299·2	306·4	8th	292·1	288·2	12th	295·7	295·3	+ 0·8	6	-17
	July				1010·3	1017·2	+ 1·5	300·7	306·4	27th	294·1	291·0	13th	297·4	296·9	- 0·4	0	- 2
	August				1008·3	1015·6	- 0·1	300·1	306·8	7th	294·2	291·8	10th	297·1	296·8	- 0·9	1	0
	September				1009·8	1016·4	+ 0·8	300·4	306·4	15th	293·9	289·5	26th,29th	297·1	296·7	+ 0·6	94	+66
	October				1009·9	1016·9	+ 1·1	296·2	303·0	4th	289·7	286·0	23rd	292·9	292·5	+ 0·2	30	-61
	November				1010·1	1017·2	+ 0·1	291·2	298·5	30th	285·7	282·0	2nd	288·5	288·1	- 1·4	166	+25
	December				1015·1	1022·2	+ 3·8	289·8	294·4	4th	284·4	279·2	20th	287·1	286·8	+ 1·2	79	-54
	Year				1010·2	1017·2	+ 0·8	294·2	307·5	May 29	288·0	275·8	Mar.1	291·1	290·7	- 0·1	851	+69
636	Adrar	N. 27 52	W. 0 17	7285	(Co-ordinates redetermined)													
	1929																	
	January				989·2	1023·2	..	293·9	298·5	28th	278·5	273·0	12th	286·2	*286·8*	..	0	..
	February				984·7	1018·0	..	297·3	302·5	24th	280·3	275·0	8th	288·8	*290·0*	..	0	..
	March				982·8	1015·8	..	300·8	307·0	13th	284·1	274·5	1st	292·5	*293·7*	..	18	..
	September				..	..	..	..	..	..	..	..	..	..	..	..	0	..
	October				985·6	1018·2	..	307·2	308·0	sev.dates	285·6	280·0	30th,31st	296·4	*296·6*	..	0	..
	November				986·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	December				..	..	..	..	..	..	..	..	..	..	..	..	0	..
638	Tamanrasset (Fort Laperrine)	N. 22 45	E. 5 0	71350	(Co-ordinates redetermined)													
	1929																	
	January				866·3	1014·7	..	294·3	299·9	7th	277·6	273·2	15th	285·9	*286·5*	..	0	..
	February				864·3	1011·7	..	296·6	304·2	24th	278·3	274·8	16th	287·5	*287·3*	..	0	..
	March				863·2	1007·2	..	300·4	305·2	14th	283·3	276·9	2nd	291·9	*293·1*	..	4	..
	April				863·7	1005·1	..	303·9	307·7	24th	287·2	281·7	12th	295·5	*297·5*	..	0	..
	May				863·6	1003·2	..	308·5	311·2	13th	292·1	288·1	11th	300·3	*300·9*	..	0	..
	June				865·2	1004·7	..	306·4	311·1	25th,26th	293·3	287·1	18th	300·9	*301·5*	..	22	..
	July				865·3	1004·4	..	308·1	311·2	12th	294·3	291·1	23rd	301·2	*302·3*	..	0	..
	August				865·1	1004·3	..	308·2	310·7	12th	294·2	288·4	19th	301·2	*302·0*	..	18	..
	September				866·1	1006·5	..	306·1	308·3	9th	292·3	288·9	28th	299·2	*300·1*	..	5	..
	October				866·3	1009·4	..	303·0	307·2	10th	287·6	284·1	31st	295·3	*295·5*	..	5	..
	November				865·2	1010·6	..	299·8	302·0	20th,21st	283·0	279·4	9th	291·3	*291·1*	..	0	..
	December				866·5	1014·2	..	294·2	299·3	28th	278·4	271·0	19th	286·3	*286·5*	..	0	..
	Year				865·1	1008·1	..	302·6	311·2	May 13,July 12	286·8	271·0	Dec.19	294·7	*295·4*	..	54	..

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
1928 :-				
101	Wrangell Island	MS. data supplied by Centr. Géophys. Obs. Leningrad.	..	• P = ½ (7+13+21).
162	Bouloune	do. do.	✻, 1909-16; '26-28.	• P = ½ (7+13+21). ✻ derived from these hours.
248	Tcherdyn	do. do.	P, (1851-1900). ✻, 35 yrs., 1847-48; '88-1927. R,35 yrs., 1885-1923.	• do. do.
264	Petropavlovskoe	do. do.	..	• do. do.
268	Naiakan	do. do.	..	• do. do.
271	Novo-Mariinskii Post	do. do.	..	• P = ½ (7+13+21).
348	Perm	do. do.	..	..
349	Sverdlovsk	do. do.	..	..
351	Akmollask	do. do.	..	..
352	Omsk (Experiment Field)	do. do.	P, 35 yrs., 1887-1930. ✻, 35 yrs., 1885-1927.	• P = ½ (7+13+21). ✻ derived from these hours.
353	Barnaoul	do. do.	..	..
354	Tomsk	do. do.	..	..
366	Okhotsk	do. do.	..	..
369	Kluchevskoye	do. do.	..	• P, ✻ = ½ (7+13+21).
370	Nikolskoe	do. do.	..	• P = ½ (7+13+21). ✻ derived from these hours.
446	Astrakan	do. do.	..	..
1929 :-				
538	Algiers	Algiers, Service Météor., Obs. d'Alger-Université, 1929.	P, ✻, R, see current data.	eq P, ✻ = mean of 24 hrs.
636	Adrar	MS. data supplied by Inst. Météor. et Phys. du Globe, Algiers.	..	• P = ½ (7+13+18). ✻ = ½ (7+13+18+$\frac{18+m}{2}$) G.M.T.
638	Tamanrasset (Fort Laperrine)	do. do.	..	• do. do.

RÉSEAU MONDIAL, JANUARY 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JANUARY, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. — JANUARY - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrengell Island	70 50 N.	178 3 W.	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1029·3	+10·1	252·5	270·8	28th	244·9	237·4	20th	248·7	..	..	10	+ 6
125	Upernivik	72 47	56 7	19·2	1008·3	1010·7	+ 4·9	271·0	282·8	23rd	263·8	254·5	8th	267·4	*267·4*	+16·5	31	+20
131	Myggbukta	73 30	21 30	3·2	..	1027·3	..	..	275·3	10th	..	234·0	4th	..	*252·2*	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1023·0	1025·2	..	266·1	282·0	10th	256·9	249·5	22nd	261·5	*260·3*	..	7	..
135	Jan Mayen	70 59	W. 8 18	23·1	1019·6	1022·5	+21·6	..	278·2	11th	267·2	262·0	22nd	..	*270·0*	+ 0·1	23	-18
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1022·8	1024·3	+19·1	..	274·4	8th	247·2	232·9	2nd	..	252·5	- 4·8	45	+10
140	Björnöen	74 28	19 17	40·5	1014·7	1020·1	+17·3	..	274·8	5th	257·2	248·5	2nd	..	*261·8*	- 5·4	34	- 3
142	Ingöy	71 4	24 6	4·3	1016·2	1016·7	+12·3	..	279·0	5th	267·4	262·7	15th	..	*270·3*	- 1·4	83	+33
	Sletnes	71 5	28 14	10·2	1015·6	1016·9	+15·3	..	277·9	5th	265·0	257·7	19th	..	*268·3*	..	105	..
143	Vardö	70 22	31 8	11·8	1016·0	1017·5	+13·6	..	278·1	6th	264·0	258·2	25th	..	*267·0*	- 0·5	45	-20
147	Malye Karmakouly	72 23	52 43	15·3	1017·1	1019·1	+11·4	..	..	..	..	..	..	..	..	..	..	..
149	Waigatz	70 24	58 47	11·2	1019·9	1021·4	+13·3	..	..	..	..	..	..	..	*251·3*	- 4·8	10	+ 1
152	Dickson	73 31	80 23	13·0	1023·4	1025·2	+11·7	..	..	..	240·1	230·1	12th	..	*243·7*	- 3·9	2	- 8
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N. — JANUARY - ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N.	W.															
201	Preobrajenye	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 29	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1011·4	1011·8	+ 2·8	270·7	276·9	28th	262·7	243·6	2nd	266·7	*266·7*	+11·1	46	+19
205	Bethel	60 45	161 47	11·6	..	1009·8	..	272·2	277·4	21st	265·2	249·7	3rd	268·7	..	..	40	..
206	Tanana	65 10	152 6	69·5	1011·1	1020·0	+ 6·6	260·7	274·7	18th,20th	254·6	236·3	3rd	257·7	*257·6*	+11·0	45	+28
	Rampart	65 30	150 15	114	..	..	..	257·9	275·8	18th	251·3	232·4	3rd	254·6	..	+10·0	29	+12
207	Valdez	61 7	146 16	122	..	..	..	269·9	274·7	8th	264·5	255·2	28th	267·2	..	..	104	..
208	Eagle	64 46	141 12	248	990·8	1023·7	+ 7·5	257·9	288·6	20th	249·9	225·2	26th	253·9	*254·0*	+ 6·8	32	+21
210	Dawson	64 4	139 29	324	983·6	1028·2	..	251·5	266·3	20th	245·8	226·9	27th	248·7	*249·7*	+ 5·9	39	+18
211	Mayo Landing	63 35	135 51	?579	962·1	1040·3	..	254·4	270·2	12th	246·0	229·7	26th,27th	250·2	*250·7*	..	24	..
212	Fort Good Hope	**66 15	**128 38	65·2	1024·1	1033·5	..	249·9	261·9	18th	238·1	227·4	15th,25th	244·0	..	+ 1·5	29	+11
	Fort Simpson	61 52	121 35	129	1012·4	1030·7	..	251·1	266·9	29th,30th	241·3	226·3	24th	246·2	*246·5*	+ 1·6	74	+58
213	Hay River	60 51	**115 57	161	1004·7	1027·5	..	251·4	268·0	28th	238·4	226·3	24th	244·9	*244·2*	- 1·8	36	+20
220	Jacobshavn	69 13	51 2	31·6	1002·4	1006·4	+ 3·2	273·3	288·1	23rd	266·1	254·3	6th	269·7	*270·1*	+15·1	6	- 3
226	Godthaab	64 10	51 43	20	..	..	..	275·0	289·3	24th	268·5	260·8	7th	271·7	*271·5*	+ 8·3	15	-22
227	Ivigtut	61 12	48 10	30·0	997·2	1000·9	+ 3·0	..	..	..	268·2	259·6	7th	..	*274·0*	+ 7·5	153	+70
228	Angmagsalik	65 36	37 33	29·3	1011·8	1015·5	+18·4	273·9	280·3	23rd	269·9	261·3	31st	271·9	*271·8*	+ 6·3	158	+74
231	Stykkisholm	65 5	22 46	25	..	1019·9	+22·5	277·4	282·3	11th	272·6	263·9	30th	275·0	*274·8*	+ 4·0	133	+62
232	Vestmanno	63 24	20 17	132	..	1020·2	+21·9	278·4	281·3	4th	273·9	264·0	29th	276·1	*276·4*	+ 2·6	70	-76
233a	Grimsey	66 33	18 1	22	..	1020·6	+20·0	276·0	282·2	4th	..	..	..	..	*274·2*	+ 3·0	5	-11
234	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
235	Teigarhorn	64 41	14 22	18	..	1022·2	+22·2	277·3	283·1	2nd	272·2	261·8	29th	275·0	*274·6*	+ 2·6	165	+39
236	Djúpivig	62 3	6 45	22·9	1021·3	1024·3	+20·8	278·7	282·3	31st	274·3	268·7	28th	276·5	*276·9*	+ 0·6	42	-129
	Lerwick	60 8	W. 1 11	18·0	..	1023·9	+17·3	278·5	281·9	31st	275·4	270·8	17th	276·9	*277·2*	0·0	68	-40
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1020·0	1025·7	+16·1	274·7	278·5	13th	270·2	262·2	18th	272·5	*272·8*	- 1·9	71	-97
238	Aalesund	62 28	6 10	6·3	1024·2	1025·0	+17·5	..	279·7	4th	271·9	264·3	16th	..	*274·3*	- 1·1	77	-57
240	Trondhjem	63 26	10 25	59·2	1017·7	1025·4	+17·6	271·4	278·0	12th	265·6	253·1	17th	268·5	*269·2*	- 1·2	54	-35
241	Bodö	67 17	14 26	17·0	1019·8	1021·9	+17·2	..	279·8	3rd	268·9	259·9	17th	..	*271·3*	- 0·1	103	+18
242	Haparanda	65 50	24 9	9·2	1022·7	1023·9	+14·3	265·9	277·2	3rd,4th	258·5	244·0	20th,21st	262·2	*262·2*	+ 0·4	32	- 7
244	Helsingfors	60 10	24 57	11·7	1023·4	1024·9	+12·3	268·8	275·3	12th	263·0	254·3	31st	265·9	*266·1*	- 0·6	47	+ 2
246a	Kuopio	62 55	27 40	233	995·1	1025·9	+14·1	263·5	273·5	11th	257·6	248·7	17th	260·5	*260·8*	- 2·9	17	-29
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1021·9	1022·7	+10·8	..	..	..	..	..	..	..	*257·8*	- 1·7	27	+ 4
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1012·8	1022·1	+11·5	259·3	273·9	6th	249·2	229·3	12th	254·2	*254·6*	- 1·4	21	+ 1
249	Tcherdyn	60 24	56 31	?208	1000·7	1029·1	+ 9·2	257·3	270·8	7th	249·4	230·4	13th	253·4	*252·4*	- 2·9	13	-25
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1021·9	1028·7	+ 9·3	..	..	..	..	..	..	..	*245·0*	- 4·9	17	- 1
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1022·4	1029·0	+ 6·7	..	..	..	..	..	..	..	*239·1*	- 5·6	8	- 4
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1016·7	1033·3	+ 3·0	..	..	..	..	..	..	..	*225·3*	- 4·0	4	- 5
263	Verkholansk	67 33	133 24	100	1009·9	1025·4	+ 2·5	..	..	..	..	..	..	..	*224·2*	+ 1·3	4	0
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
269	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	17·2	1011·0	1013·3	- 2·4	..	..	..	..	..	..	..	*253·4*	+ 8·4	19	+11
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
Fort Good Hope. Co-ordinates redetermined as 66° 15′N., 128° 38′W.

†Estimates not based on at least six equally spaced observations each day are in italics.
**Hay River. Longitude redetermined as 115° 57′W.

JANUARY - ZONE 3.

RÉSEAU MONDIAL

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
302	St. Paul Island	57 15	170 10	28·0	..	999·3	- 5·6	276·1	278·0	15,21,28	273·4	269·1	8th	274·7	..	+ 7·0	51	- 9
303	Dutch Harbor (Radio)	53 55	166 30	4·0	998·5	999·0	- 3·3	280·2	286·3	28th	274·9	270·3	12th	277·5	*276·9*	+ 4·5	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	276·6	280·8	14th	274·3	271·3	6,10,11	275·4	..	..	259	- 8
305	Dillingham	59 0	158 28	24·4	..	..	..	275·0	278·6	10th	269·1	259·7	3rd	272·1	..	+ 7·6	30	+ 2
306	Kodiak (Radio)	57 47	152 22	4·6	1012·9	1013·5	+12·1	277·8	281·3	16th,24th	271·7	268·6	1,2,24	274·7	*275·2*	+ 3·1	139	+ 52
309	Sitka	57 3	135 19	19·8	..	..	..	278·9	284·1	9th,13th	270·6	260·2	28th	274·7	..	+ 1·8	245	+51
310	Prince Rupert	54 18	130 18	51·8	1013·5	1020·0	+ 8·3	277·1	282·4	8th	272·3	259·7	28th	274·7	*274·9*	+ 1·5	152	+104
311	Barkerville	53 2	121 35	1274	866·6	1022·2	+ 6·1	264·3	274·7	10th	256·4	236·3	28th	260·3	*260·4*	- 3·8	84	+ 2
312	Kamloops	50 41	120 29	385	977·3	1027·7	+ 3·5	265·4	274·1	2nd,3rd	260·3	243·0	30th	262·8	*263·2*	- 5·1	46	+ 19
313	Calgary	51 2	114 2	1058	893·0	1025·6	+ 6·5	264·3	285·2	11th	253·1	230·2	28th	258·7	*259·3*	- 3·4	12	- 1
314	Fort Chipewyan	58 43	111 9	218	996·6	1027·2	..	249·3	263·6	19th	241·5	227·4	17th	245·4	*245·4*	- 2·8	..	..
315	Prince Albert	53 10	105 38	437	966·3	1026·2	+ 4·3	253·4	267·4	7th	240·9	227·4	25th	247·2	*247·1*	- 5·4	12	- 9
316	Qu'Appelle	50 30	103 47	651	940·5	1027·5	+ 5·7	255·7	273·6	7th	244·4	234·1	25th	250·1	*249·8*	- 4·9	23	+ 3
317	Minnedosa	50 15	99 50	515	954·9	1024·7	+ 3·9	254·4	265·2	7th	242·7	233·0	25th,26th	248·5	*247·8*	- 2·7	13	+ 3
318	Berens River	52 18	97 23	216	..	..	..	249·5	261·9	21st	238·7	233·0	13th	244·1	..	- 1·8	16	+ 3
318a	Port Nelson	57 0	92 51	14·9	1013·2	1015·2	..	..	266·3	30th	..	233·0	19th,20th	..	..	..		
319	Pagwa	50 3	85 18	189	..	..	..	259·1	266·3	5th,6th	249·7	237·4	13th,15th	254·4	..	+ 0·6	76	+38
320	Moose Factory	51 14	80 30	9·1	1014·1	1015·4	..	256·4	266·3	26th	245·3	234·1	13th	250·9	*250·3*	- 1·7	22	+10
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	53	+ 2
324	Natashquan	50 8	61 48	6·1	..	..	..	266·8	279·1	29th	255·6	245·8	5th	261·2	..	+ 3·2	60	+ 2
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	‡	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1021·1	1022·8	+ 8·9	280·7	285·6	30th	276·6	269·6	2nd	278·7	278·8	- 1·3	89	+40
335	Aberdeen	57 10 W.	2 6	26·0	1022·3	1025·6	+15·3	277·1	283·3	30th	273·0	267·9	17th,28th	275·1	276·3	- 1·2	47	- 1
336	Greenwich	51 28	0 0	46·3	..	1025·5	+ 9·2	276·8	283·6	30th	272·4	268·0	13th,27th	274·6	274·6	- 2·2	22	+21
337	Uccle	50 48	E. 4 22	100	1012·0	1024·7	+ 7·7	274·7	282·7	31st	269·3	261·6	27th	272·0	271·9	- 3·0	31	-26
338	De Bilt	52 6	5 11	3·0	1024·7	1025·1	+ 8·6	274·3	278·9	20th	268·6	260·5	12th	271·5	271·6	- 3·2	18	-36
338a	Hamburg	53 33	9 58	40·3	1020·2	1025·4	+ 8·6	272·2	277·6	13th	267·6	261·0	18th	270·0	*270·0*	- 3·4	18	-30
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1024·2	1024·8	+ 9·6	272·8	277·5	13th	267·9	263·4	16th	270·3	*270·8*	- 1·5	34	+ 8
340	Potsdam	52 23	13 4	84·9	1014·0	1025·1	+ 7·4	270·9	276·0	21st	265·2	257·9	10th	268·1	268·0	- 4·4	31	+ 3
340a	Uppsala	59 51	17 38	24	1021·6	1024·7	+12·3	270·4	277·6	12th	264·9	252·9	20th	267·6	267·9	- 0·9	35	+ 3
341	Warsaw	52 13	21 3	89·9	1013·8	1025·6	+ 6·3	269·1	274·7	1st,12th	262·9	254·6	31st	266·0	*266·1*	..	10	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1014·5	1025·2	+10·0	266·5	275·2	12th	260·6	249·4	31st	263·5	263·6	- 2·8	11	- 2
343	Leningrad	59 56	30 16	4·6	1023·9	1024·5	+10·1	..	..	..	..	..	..	..	*262·7*	- 2·5	27	+ 3
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	1003·9	1025·6	+ 6·3	..	..	..	..	..	..	..	*261·4*	- 0·8	13	-19
345	Saratov	51 32	46 2	127	1012·2	1029·3	+ 6·0	263·4	274·0	2nd	255·6	243·5	31st	259·5	*259·5*	- 0·5	16	- 9
346	Kazan	55 47	49 8	79·9	1019·4	1030·2	+ 9·8	262·9	271·6	5th	254·4	244·8	13th	258·7	258·6	- 0·8	14	-23
347	Orenburg	51 45	55 6	109	1019·0	1033·9	+ 8·6	259·6	270·3	14th	251·2	241·4	10th	255·5	*255·7*	- 2·2	6	- 4
348	Perm	58 1	56 16	163	1009·0	1031·3	+10·9	259·7	269·9	15th	248·6	230·4	13th	254·2	*254·2*	- 3·0	33	+ 2
349	Sverdlovsk	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 50	60 38	281	993·4	1031·2	+10·5	..	..	..	..	..	..	..	*256·2*	- 0·6	6	- 2
351	Akmolinsk	51 12	71 23	347	988·6	1036·2	+ 7·7	..	..	..	247·6	231·5	14th	..	*252·0*	- 2·1	14	-11
352	Omsk	55 1	73 19	108	1017·2	1032·2	+ 6·8	..	..	..	246·5	231·8	30th	..	*251·6*	- 4·6	13	-11
353	Barnaoul	53 20	83 47	158	1012·4	1034·7	+ 5·3	257·4	268·3	9th	248·2	232·0	23rd	252·8	*252·8*	- 2·6	3	+ 1
354	Tomsk	56 30	84 58	123	1014·7	1031·7	+ 5·5	254·5	265·5	9th	248·3	232·2	28th	251·4	*250·5*	- 3·1	37	+ 5
355	Minousinsk	53 43	91 41	249	1001·1	1035·3	+ 3·5	..	..	..	..	..	..	..	*251·6*	- 1·2	17	+10
356	Eniseisk	58 27	92 10	81·2	1020·3	1031·9	+ 5·2	..	..	..	..	..	..	..	*245·7*	- 5·8	20	0
357	Irkutsk	52 16	104 19	467	972·3	1036·4	+ 3·6	..	..	..	..	..	..	..	*248·5*	- 3·5	9	+ 1
358	Kirensk	57 47	108 7	278	996·0	1035·5	+ 5·5	..	..	..	..	..	..	..	*243·5*	- 2·4	21	- 1
359	Tchita	52 2	113 30	685	938·6	1032·1	- 0·7	..	..	..	..	..	..	..	*244·8*	- 1·3	1	+ 1
360	Nertchinskii Zavod	51 19	119 37	621	948·0	1034·5	+ 2·4	..	..	..	..	..	..	..	*241·0*	- 2·7	3	+ 1
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeschensk (Bureau Météor)	50 16	127 30	142	1005·4	1025·1	- 0·1	..	..	..	..	..	..	..	*249·3*	- 0·8	1	- 1
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1009·9	1015·8	- 0·9	..	..	..	..	..	..	..	..	..	6	- 1
366	∮Okhotsk	59 21	143 17	5·5	1011·8	1012·6	- 0·5	..	..	..	..	..	..	..	*247·3*	- 1·9	1	- 1
368	∮Petropavlovsk (Phare)	52 53	158 43	87·1	983·5	994·5	- 7·7	..	..	..	..	..	..	..	*250·6*	+ 1·3	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	*265·5*	+ 2·9	51	-25
370	Nikolskoe	55 12	165 59	6·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

JANUARY - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
411	Victoria, B.C.	48 24	123 19	70·1	1010·3	1019·1	+ 3·2	276·8	281·9	17th	272·7	263·0	28th	274·8	*274·7*	- 2·1	59	-56
412	Portland, Oregon	45 32	122 41	46·6	1014·4	1020·0	+ 1·4	277·1	283·6	1st	271·3	263·6	29th	274·2	*274·2*	- 2·6	89	-77
413	Macleod	49 44	113 24	953	..	..	..	264·7	283·0	12th	252·7	228·0	28th	258·7	*258·7*	- 6·8	23	+ 6
414	Helena	46 34	112 4	1253	871·5	1021·3	- 0·5	265·2	281·9	13th	255·8	237·4	28th	260·5	*261·0*	- 6·1	33	+10
415	Salt Lake City	40 46	111 54	1329	866·7	1018·6	- 2·4	273·5	279·7	29th	246·2	254·7	24th	269·9	*270·1*	- 1·5	39	+ 4
416	Cheyenne	41 8	104 48	1856	806·5	1015·9	- 2·9	273·5	283·0	13th	261·5	252·4	19th	267·5	*267·7*	- 2·1	8	- 2
416a	North Platte	41 8	100 45	860	915·6	1019·6	- 1·7	271·7	284·7	12th	259·9	251·2	25th	265·6	*265·8*	- 2·0	6	- 5
417	Bismarck	46 47	100 38	510	957·6	1022·7	+ 1·1	259·5	276·3	10th	247·7	236·9	29th	253·6	*253·8*	- 6·7	18	+ 5
418	Winnipeg	49 53	97 7	232	991·9	1023·8	..	253·8	264·7	20th	245·6	238·6	13th	249·7	*249·9*	- 3·4	12	-11
419	Duluth	46 47	92 6	345	975·0	1019·3	+ 0·3	259·1	269·7	21st	248·4	236·3	13th	253·8	*253·6*	- 6·0	38	+12
419	Port Arthur	48 27	89 12	196	992·2	1018·5	+ 0·4	260·0	270·2	22nd	249·8	238·6	13th	254·9	*254·6*	- 3·2	47	+28
420	Chicago	41 47	87 35	205	993·3	1019·3	0·0	269·5	279·1	22nd	260·4	250·2	13th	265·0	*265·0*	- 3·3	100	+48
421	Toronto	43 40	79 24	116	1001·7	1016·6	- 1·5	271·6	279·7	6th,19th	264·6	254·1	14th	268·1	*267·7*	+ 0·5	139	+68
422	New York (Central Park)	40 47	73 58	47·4	1011·5	1017·5	- 0·6	276·8	289·7	19th	269·1	259·7	14th	272·9	*272·8*	+ 0·3	85	- 5
423	St. John, N.B.	45 17	66 4	36·3	1006·3	1011·0	..	271·1	284·7	19th	261·2	248·6	15th	266·1	*265·7*	+ 0·2	119	- 3
424	S.W. Point, Anticosti	49 24	63 33	9·1	1003·6	1004·6	..	267·9	277·4	6th	258·9	246·9	25th	263·4	*264·0*	+ 1·4	63	+ 1
424a	Sable Island (Main Station)	43 57	60 6	7·6	1007·6	1008·6	..	275·3	283·0	2,12,19	268·6	261·3	21st	271·9	*271·6*	- 0·3	121	-14
425	Port aux Basques	47 35	59 10	9·1	1001·5	1002·7	- 8·4	..	279·7	6th	..	256·2	15th	..	..	..	279	+132
426	St. John's, Newfoundland	47 34	52 42	74·1	990·2	999·6	-10·3	..	..	..	..	..	..	268·5	..	+ 0·2	128	- 8
427	Madrid	40 24	3 41	667	944·4	1025·2	+ 1·1	280·0	286·7	29th	272·2	268·0	5th	276·1	*275·5*	- 1·6	6	-19
428	Nantes	47 15	W. 1 34	36·5	1018·2	1023·6	+ 3·4	277·7	289·0	30th	272·0	267·1	14th	274·9	274·9	- 2·5	33	-31
429	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1018·7	1025·1	+ 5·0	275·1	279·3	21st	270·6	266·2	27th	272·8	272·9	- 2·7	14	-25
430	Marseille	43 18	5 23	75	..	1018·6	+ 1·4	280·9	285·4	22nd	273·2	267·0	17th	277·0	*276·0*	- 3·8	52	+10
431	Zürich	47 23	8 33	493	964·0	1025·9	+ 3·7	271·9	280·4	19th	265·9	258·8	29th	268·9	268·6	- 3·2	35	-17
432	Rome	41 54	12 29	45·5	1012·4	1017·7	+ 1·6	281·7	287·7	2nd	274·2	268·0	19th	277·9	*277·5*	- 2·4	146	+63
433	Vienna	48 15	16 22	203	999·3	1025·4	+ 4·7	270·5	276·7	20th	265·7	256·6	11th,12th	268·1	268·3	- 3·1	55	+18
434	Budapest	47 31	19 1	130	1007·3	1024·1	+ 3·0	271·9	276·3	29th	266·2	260·5	11th,23rd	269·1	269·0	- 2·8	70	+32
435	Sofia	42 42	23 20	550	954·6	1023·1	+ 0·5	273·7	288·6	2nd	266·0	255·4	23rd	269·9	*269·6*	- 1·2	52	+18
436	Bucharest	44 25	26 6	82	1013·1	1023·7	+ 2·5	272·2	279·8	1st	265·4	249·5	24th	268·8	268·5	- 1·3	50	+16
437	Odessa (Observatory)	46 26	30 46	42·8	1017·9	1023·4	+ 2·9	271·8	282·4	1st	266·9	258·8	23rd	269·3	*269·0*	- 1·4	38	+12
438	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
439	Novorossiisk	44 44	37 49	37·1	1016·3	1021·0	+ 1·8	..	..	..	..	..	..	..	*274·6*	- 1·2	39	-36
440	Tiflis	41 43	44 48	404	975·4	1025·5	+ 2·7	277·3	288·6	2nd	269·6	263·4	28th	273·5	273·1	0·0	29	+15
441	Astrakhan	46 21	48 2	-20	1029·6	1027·0	+ 3·7	269·2	277·0	13th	262·7	248·6	10th	266·0	*265·6*	- 0·3	20	+ 7
442	Fort Alexandrovsk	44 31	50 7	-23·0	1031·0	1028·1	+ 6·4	..	..	..	..	..	..	..	*269·2*	- 0·1	1	- 8
443	Krasnovodsk	40 0	52 59	-4·6	1025·8	1025·2	+ 3·5	..	..	..	..	..	..	..	*273·6*	- 2·0	2	-11
444	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*258·7*	- 2·4	10	+ 2
445	Tashkent	41 20	69 18	479	969·1	1029·5	+ 3·7	273·1	288·8	8th	253·6	250·7	25th	268·4	267·8	- 4·2	38	- 9
446	Narynskoe	41 26	76 13	2015	796·0	..	- 1·3	..	..	..	247·3	236·3	20th	..	*252·2*	- 4·2	21	+10
446a	Andijan	40 47	72 23	503	968·0	1031·9	..	..	..	..	263·4	251·8	26th	..	*266·9*	..	27	..
447	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*261·0*	..	24	- 8
448	Moukden	41 48	123 23	43·8	1022·9	1028·8	+ 0·6	266·4	276·4	13th	254·9	249·0	23rd	260·7	260·4	+ 0·4	7	+ 2
449	Joshin	40 40	129 12	31·9	1019·0	1023·2	+ 1·0	272·3	283·0	14th	262·5	257·1	2nd	267·4	267·0	0·0	21	- 1
450	Yuki	42 20	130 24	63·8	1018·3	1023·7	+ 1·1	266·8	277·3	14th	259·4	253·2	2nd	263·1	263·0	- 0·6	1	- 4
450a	Vladivostok	43 7	131 54	128	1005·9	1023·1	- 0·5	..	..	..	..	..	..	..	*257·5*	- 1·8	2	- 5
450b	Ochiai	47 20	142 47	27·4	1008·0	1011·7	- 1·5	263·1	268·2	31st	252·7	242·3	28th	257·9	257·8	- 0·6	28	-12
450c	Nemuro	43 20	145 35	26·7	1004·7	1008·1	- 3·2	270·1	276·7	15th	263·5	255·9	30th	266·8	267·0	- 1·0	34	0
450d	Syanu	45 14	147 53	39·3	1000·3	1005·4	- 4·5	268·7	274·4	6th,15th	264·0	259·2	1st	266·3	268·3	- 1·2	82	-12
		N.	E.															

†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

BETWEEN LATITUDE 40° N. AND 30° N.

JANUARY - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
451	San Francisco	37 48	122 26	47·2	1012·8	1018·6	- 1·2	284·5	288·0	30th	278·7	275·2	12th	281·6	*281·6*	- 1·1	34	-87
452	Sacramento	38 35	121 30	21·0	1016·4	1018·9	- 1·3	281·1	287·4	30th	275·2	271·9	24th	278·1	*278·4*	- 2·6	22	-75
453	San Diego	32 43	117 10	26·5	1013·8	1016·9	- 1·3	289·4	294·1	12th	281·4	276·9	22nd	285·4	*285·2*	+ 0·2	23	-23
454	Modena	37 48	113 54	1668	831·4	1017·6	- 3·0	275·3	283·6	13th	261·4	242·4	24th	268·4	*268·3*	- 1·8	33	+10
455	Santa Fé	35 41	105 57	2138	783·1	1016·2	- 2·5	277·1	283·6	21st	265·5	258·6	6th	271·3	*271·0*	+ 0·1	7	-10
456	Denver	39 45	105 0	1613	832·2	1015·2	- 2·7	276·6	289·1	13th	264·6	255·2	24th	270·6	*271·6*	- 1·2	4	- 7
457	Abilene	32 23	99 40	530	955·2	1017·9	- 2·1	286·6	295·2	19th	273·4	263·0	25th	280·0	*279·5*	+ 0·1	12	-10
458	Saint Louis	38 38	90 12	173	998·6	1020·0	- 0·6	276·1	289·1	22nd	265·1	256·2	13th	270·6	*270·2*	- 0·2	54	- 4
459	Mobile	30 41	88 2	17·4	1017·8	1020·0	- 1·1	289·7	296·9	19th	280·4	270·8	7th	285·0	*285·4*	+ 1·4	164	+44
460	Nashville	36 10	86 47	166	1000·6	1021·0	- 0·5	282·4	296·3	18th	271·6	264·1	2nd	277·0	*277·0*	+ 0·2	98	-22
461	Charleston	32 47	79 56	14·6	1018·4	1020·0	- 0·2	288·2	297·4	23rd	280·5	273·0	7th	284·7	*284·7*	+ 1·8	118	+40
462	Washington	38 54	77 3	34·1	1015·5	1020·0	- 0·6	279·4	293·6	19th	269·8	259·7	14th	274·6	*274·4*	+ 0·6	55	-32
463	Bermuda	32 17	64 46	46·0	1016·2	1021·7	..	..	296·9	1st	..	282·4	9th	..	..	..	92	-20
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

JANUARY - ZONE 5. (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1001·6	1006·3	-14·8	289·9	295·2	1st	284·3	279·1	19th	287·1	287·4	- 0·1	305	+89
531	Horta	38 32	28 38	65	1000·6	1008·4	-13·0	289·5	292·3	1st	285·7	280·1	18th	287·6	287·6	0·0	162	..
532	Ponta Delgada	37 44	25 40	22	1008·0	1010·6	-11·7	289·9	291·2	11th,13th	286·8	282·0	19th	288·3	288·5	+ 1·0	..	+21
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	222	-43
533	Madeira (Funchal)	32 38	16 55	25	1016·5	1019·5	- 2·3	293·1	294·0	29th	288·2	286·0	2nd,6th	290·6	*290·4*	+ 2·2	44	-47
535	Lisbon	38 43	9 9	95	1010·4	1021·0	- 0·1	285·5	289·4	22nd	280·5	273·7	5th	283·0	282·9	- 0·4	45	-100
535a	Melilla	35 17	2 59	40	1018·2	1023·1	..	288·8	291·4	14th	283·9	278·5	5th	286·3	*286·1*	+ 1·0	2	-103
536	Gibraltar	36 6	5 21	16·2	..	1022·0	+ 0·5	288·4	292·4	14th,31st	283·3	276·3	5th	285·8	*285·9*	+ 0·1	15	9
536a	Colomb-Béchar	**31 37	W.**2 13	769	931·2	1020·9	..	..	..	..	273·3	268·0	4,11,14	..	*281·2*	..	9	- 5
537	Palma	39 34	E. 2 39	23	1018·0	1020·8	+ 1·3	286·2	292·8	31st	275·9	273·0	sev.dates	281·1	*280·5*	- 2·4	46	+ 5
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	?296·8	..	..	..	..	..	..	..	..	0	- 3
539	Tunis	36 48	10 10	75	1011·9	1021·2	..	285·2	292·7	1st	277·9	275·3	4,13,20	281·6	*281·3*	- 1·7	33	-24
540	Malta	35 54	14 31	71·2	..	1019·1	+ 2·4	285·8	290·2	1st,2nd	281·7	279·1	17th	283·7	*283·3*	- 2·2	56	-49
541	Athens	37 58	23 43	107	1005·3	1018·5	+ 0·4	283·7	290·8	1st	278·3	272·2	23rd	281·0	280·8	- 0·7	79	+ 1
542	Alexandria	31 12	29 53	32·0	1014·8	1018·7	+ 0·6	290·9	296·0	4th	283·2	280·0	25th	287·0	*286·6*	- 0·4	..	+26
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1017·3	+ 0·3	286·1	291·3	1,3,4	277·3	272·4	11th	281·7	..	- 1·2	79	+ 2
544	Beirut	33 54	35 28	33·7	..	1017·6	- 0·2	288·2	292·3	1st	282·9	277·0	23rd	285·6	*285·4*	- 0·7	229	+38
545	Hinaidi	33 17	44 29	32·3	1015·5	1019·4	- 1·5	289·7	293·6	7th	275·8	270·8	29th	282·7	*282·4*	+ 0·6	2	-26
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	‡Tehran	35 41	51 25	1220	873·0	1014·2	..	278·9	285·3	1st	270·2	264·2	13th	274·6	*274·2*	- 0·6	53	+11
548	Meshed	36 17	59 38	946	..	..	..	276·7	287·6	7th	263·7	251·9	30th	270·2	..	- 4·1	22	+ 1
549	Seistan	31 0	61 30	?610	964·8	..	..	286·8	295·0	10th	273·6	264·5	31st	280·2	..	- 1·2	1	-10
550	Quetta	30 12	67 0	1647	837·2	..	- 0·5	283·9	293·7	12th	270·1	261·4	31st	277·0	*276·6*	- 0·3	20	-29
551	Peshawar	34 2	71 37	339	‡ 977·1	1020·1	- 1·3	288·7	293·4	16th,17th	276·8	273·8	30th	282·7	*281·6*	- 1·0	17	-23
551a	Lahore	31 34	74 20	214	992·0	1018·0	- 0·9	292·3	295·8	12th	278·0	271·3	31st	285·1	*284·2*	- 0·4	2	-25
552	Simla	31 7	77 8	2202	781·3	..	- 0·1	281·1	289·1	8th	274·6	266·6	31st	277·8	*277·4*	- 0·9	67	- 2
552a	Leh	34 10	77 42	3503	662·7	..	- 2·3	271·0	278·3	15th	260·4	255·8	7th	265·7	*264·6*	- 0·4	8	- 1
559	Hankow	30 35	114 17	37·0	1023·5	1028·2	- 0·3	279·9	292·2	11th	273·4	269·4	24th	276·7	*276·2*	- 0·6	70	+86
560	Tientsin	39 9	117 9	6·4	1029·3	1030·1	+ 1·4	273·5	284·0	11th	264·4	260·2	24th	268·9	*268·8*	- 0·2	1	- 3
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1026·0	1028·9	+ 0·4	281·4	293·5	13th	273·9	268·6	7th	277·6	277·0	+ 0·8	57	+ 7
562	Jinsen (Chemulpho)	37 29	126 38	**70·4	1017·8	1027·0	+ 2·0	272·5	280·3	11th	264·7	258·3	2nd	268·6	268·2	- 1·2	22	- 1
562a	Nagasaki	32 44	129 52	133	1006·9	1023·3	+ 1·4	282·1	290·9	14th	275·1	271·2	3rd	278·6	278·2	- 0·5	22	-57
563	Kyoto	35 1	135 44	42·9	1015·7	1021·1	+ 1·9	280·4	287·5	15th	270·6	267·1	3rd	275·5	274·7	- 0·9	13	-49
564	Tokyo	35 41	139 46	5·3	1015·5	1016·2	- 0·1	281·2	294·3	15th	270·3	266·5	3rd	275·7	275·6	- 0·4	2	-54
565	Hukusima	37 45	140 28	68·5	1007·6	1016·3	- 0·5	276·9	283·7	15th	268·5	264·1	9th	272·7	272·4	- 1·1	51	+ 3
566	Miyako	39 38	141 59	30·4	1009·0	1012·9	- 1·9	277·2	285·8	15th	266·6	259·5	30th	271·9	271·3	- 1·1	10	-59

JANUARY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1012·5	1013·2	- 2·6	294·8	298·0	3rd	286·8	281·9	21st	290·3	*290·3*	- 1·0	172	+70
605	Honolulu	21 19	157 52	11·6	1012·6	1013·9	- 2·3	297·2	298·6	2nd	292·0	288·0	24th	294·6	*294·3*	+ 0·1	122	+25
613	Guaymas	27 55	110 53	8·3	1014·7	1015·7	..	294·5	298·5	1st	284·7	280·5	26th	289·6	*288·2*	- 3·2	4	..
615	Leon	21 7	101 41	1809	821·0	1013·6	- 1·4	296·3	300·3	19th	278·9	273·4	28th	287·6	*286·7*	0·0	5	- 5
616	Monterry	25 40	100 18	528	954·6	1015·6	- 3·0	294·3	304·1	24th	282·8	276·3	7th	288·5	*287·9*	+ 1·1	11	-13
617	Tulancingo	20 5	98 22	2181	788·9	..	- 1·7	295·3	300·9	31st	277·3	272·2	8th	286·3	*284·9*	+ 0·5	2	+57
618	Galveston	29 18	94 50	16·5	1017·0	1019·3	- 1·5	289·4	297·4	18th	283·2	273·6	2nd	286·3	*285·9*	+ 1·3	140	+185
618a	New Orleans	29 57	90 4	16·2	1017·9	1020·0	- 0·3	291·1	300·2	23rd	282·3	271·9	6th	286·7	*286·4*	+ 1·2	270	..
619	Mérida, Yucatan	20 58	89 38	22	1013·6	1016·2	- 1·9	301·2	306·4	27th	292·6	288·6	31st	296·9	*295·7*	+ 1·3	23	- 1
620	Havana	23 7	82 25	77·0	1008·0	1017·0	- 1·7	300·2	303·5	25th	292·1	288·4	31st	296·1	295·5	..	13	..
620a	Key West	24 33	81 48	6·7	1017·6	1018·3	- 1·5	297·6	300·9	28th	292·3	286·3	13th	295·0	*294·3*	+ 1·3	36	-13
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·8	- 0·6	300·1	302·4	28th	291·7	289·1	31st	295·9	*295·8*	+ 0·8	48	- 7
622	Watling Island(San Salvador)	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	299·1	303·2	3rd	287·7	285·5	14th	293·4	*292·1*	..	1	+30
634m	La Laguna	28 19	16 30	2367	768·6	..	0·0	281·5	286·9	28th	274·9	271·6	6th	278·2	*277·8*	+ 1·7	87	-17
634	Adrar	28 28	16 20	547	954·8	1018·6	- 2·6	291·0	296·3	31st	281·7	278·1	19th	286·4	*285·8*	+ 1·0	74	..
636	Lapperine	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Ciarabub	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Siwa	29 45	24 31	49	..	..	..	290·5	292·1	4th	279·5	277·7	10th	285·0	..	..	13	+ 5
642	Cairo (Helwan)	29 12	25 29	-23	1022·3	1019·5	0·0	292·3	299·0	3rd,5th	277·2	272·5	26th	284·8	*283·3*	+ 0·1	6	..
643	Aswan	29 52	31 20	116	1005·1	1019·2	+ 0·4	291·0	296·1	3rd	280·1	275·9	24th	285·6	*285·4*	- 0·6	3	- 6
643a	Tor	24 2	32 53	100	1005·6	1017·5	- 0·2	295·9	301·3	3rd	281·4	277·9	25th	288·6	*287·6*	- 0·5	..	..
644		28 14	33 37	1·9	1016·6	1016·7	- 0·4	292·5	295·7	4th	281·2	275·0	24th	286·8	*286·6*	- 0·4	0	- 1
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages,105-15.
‡See Table of Authorities, Remarks, pages 105-15.
**Colomb-Béchar. Co-ordinates redetermined as 31° 37′N., 2° 13′W.

†Estimates not based on at least six equally spaced observations each day are in italics.
§Change of normals, see Table of Authorities, pages 105-15.
**Jinsen (Chemulpho). Height changed from 67·6m. to 70·4m. from January 1st.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1018·1	1018·6	..	291·7	296·5	9th,10th	285·4	280·1	30th	288·6	*288·4*	+ 1·2	83	+15
648	Jask	25 45	57 45	4·0	1016·8	1017·1	..	297·3	299·9	15th	285·9	282·4	30th	293·3	*293·1*	+ 0·6	31	+ 2
649	Karachi	24 53	66 57	4·0	1017·4	1017·8	- 0·5	296·6	301·6	17th	287·4	279·7	31st	292·0	*291·8*	- 0·6	2	-12
650	Jacobabad	28 17	68 29	56·7	1011·9	1018·8	0·0	296·2	300·8	16th	277·7	269·7	31st	286·9	*286·2*	- 0·6	5	- 2
651	Jaipur	26 56	75 52	436	967·2	1018·7	- 0·5	296·2	301·6	14th	281·1	272·2	31st	288·6	*287·8*	- 0·7	0	-12
652	Nagpur	21 8	79 5	310	980·0	1016·4	- 1·2	302·6	306·1	15th	286·4	281·5	2nd	294·5	*294·1*	+ 0·6	1	-10
652a	Allahabad	25 25	81 51	94·2	1005·6	1017·0	- 1·1	296·1	301·2	25th	282·8	278·6	6th	289·5	*288·6*	+ 0·2	80	+60
654	Darjeeling	27 3	88 15	2265	776·6	..	0·0	281·5	286·0	9th	275·0	271·8	23rd	278·3	*277·9*	+ 0·5	43	+29
	Calcutta	22 32	88 20	6·4	1015·3	1016·2	- 0·9	299·3	301·9	16th	288·2	283·0	7th	293·7	*293·3*	+ 1·8	30	+21
655	Gauhati	26 8	91 41	59·7	1010·8	1017·9	- 0·5	295·1	297·3	24th	283·6	280·1	24th	289·3	*289·6*	- 0·7	68	+60
655a	Cherrepunji	25 15	91 42	1313	870·5	..	- 0·4	288·4	291·4	10th	281·3	277·4	24th,25th	284·9	*284·4*	+ 0·1	205	+193
656	Akyab	20 11	92 56	6·1	1014·0	1014·7	- 0·9	301·6	304·1	23rd	288·7	285·5	29th	295·1	*294·6*	+ 0·9	0	- 2
656a	Mandalay	21 59	96 0	-76·2	1007·0	1016·0	- 0·6	303·4	306·1	23rd	287·7	283·9	14th	295·6	*294·9*	+ 1·3	0	- 1
657	Tengyueh	25 2	98 33	1626	837·4	1015·8	..	289·7	291·9	9th	274·8	270·8	8th	282·3	*281·6*	+ 0·6	25	+11
658	‡Phu Lien	20 48	106 38	116	..	1017·7	- 1·5	294·1	299·6	15th	288·4	283·7	3rd	291·3	290·7	+ 1·1	42	+11
659	‡Moncay	21 31	107 51	9·0	..	1018·5	- 1·3	293·6	298·9	28th	286·3	282·0	31st	290·0	*289·3*	+ 1·2	28	-12
660	Hongkong	22 18	114 10	33·2	..	1019·0	- 0·7	292·4	296·6	14th,15th	288·2	284·2	4th	290·3	289·9	+ 1·4	24	-10
	Amoy	24 26	118 4	4·9	1021·7	1022·3	- 0·5	291·7	296·3	14th	285·9	283·6	30th	288·8	*288·5*	+ 1·7	33	+ 1
661	Taihoku, Formosa	25 2	121 31	9·3	1019·9	1021·0	- 0·2	292·8	300·2	14th	286·4	283·1	12th	289·6	288·9	+ 0·6	86	- 3
661a	Basco	20 28	121 59	18·7	..	1015·9	0·0	297·7	301·2	29th	293·3	288·8	4th	295·5	295·2	+ 0·1	119	-128
662	Naha	26 12	127 39	29·5	1016·4	1019·9	- 0·1	291·8	296·3	21st	286·7	282·9	3rd	289·3	289·1	0·0	157	+25
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1016·8	1017·3	- 0·4	293·3	296·3	29th	287·5	282·0	6th	290·4	290·4	- 0·2	29	-69

BETWEEN LATITUDE 20° N. AND 10° N.

JANUARY - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	957·8	1014·0	+ 0·8	303·6	306·4	3rd	287·6	283·7	29th	295·7	*294·5*	- 0·8	18	+11
716	Morelia	19 42	101 7	1923	809·2	1012·5	- 1·6	293·4	297·0	21st	279·7	275·3	28th	286·5	*286·2*	- 0·1	14	+ 1
717	Mexico, Tacubaya	19 24	99 12	2309	774·0	..	- 1·1	294·4	298·7	31st	276·5	272·5	29th	285·5	284·8	+ 0·1	1	- 8
718	Salina Cruz	16 12	95 12	56	1005·2	1011·7	- 2·2	301·5	305·2	11th	293·7	290·8	31st	297·6	*297·7*	+ 0·2	0	- 1
719	San Salvador	13 42	89 13	682	936·2	1011·9	- 1·5	306·4	308·4	1st	288·6	286·0	15,21,31	297·5	*295·5*	+ 0·4	0	- 7
720	Belize	17 31	88 11	5·2	1015·0	1015·6	- 1·6	..	..	..	293·6	286·9	30th	..	‡*295·8*	+ 0·4	227	+70
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·0	- 0·3	303·2	305·0	22nd	293·0	290·1	26th	298·1	*297·8*	+ 0·4	38	- 6
722	Port au Prince	18 33	72 20	37·4	1011·5	1015·8	- 0·1	304·3	306·1	4th	293·1	290·4	28th	298·7	*298·0*	+ 0·3	3	-28
724	§Caracas	10 30	66 56	1043	899·0	1014·2	..	296·9	300·0	26th	284·7	282·3	28th	290·8	*290·4*	- 0·6	0	-22
724a	San Juan, Porto Rico	18 29	66 7	25·0	1013·8	1016·9	- 0·4	299·8	302·4	30th	293·9	291·9	30th	296·8	*296·8*	+ 0·1	91	-26
	Grenada (Richmond Hill)	12 5	61 46	188	991·2	1012·9	- 0·6	301·6	303·0	3rd,29th	295·3	293·6	27th	298·5	*298·1*	+ 0·4	112	+ 1
725	Barbedos	13 8	59 36	57·9	..	1014·6	0·0	301·2	302·1	31st	293·7	291·8	28th	297·4	*297·2*	- 0·3	40	-42
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·4	1013·7	- 1·5	297·4	299·5	30th	293·2	292·0	6th	295·3	*295·3*	+ 0·7	0	- 5
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·1	1013·0	- 2·1	298·6	303·0	29th	293·1	290·9	16th	295·9	*296·0*	+ 0·1	0	- 3
733	§Dakar	14 40	17 26	32	..	1011·6	..	302·6	311·9	31st	292·4	290·5	26th	297·5	*295·3*	+ 2·9	0	- 1
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·8	306·9	29th	292·0	290·8	1st,3rd	296·9	*296·7*	+ 0·7	0	..
735	Niénébelé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Timbuktu (Kabera)	**16 45	W.**3 1	**273	..	..	..	301·3	305·0	7th	286·0	281·2	14th	293·7	*293·4*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	304·1	310·8	4th	288·3	283·0	11th	296·2	*295·9*	- 0·5	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	303·4	309·1	8th	..	..	..	..	‡*294·2*	- 0·7	0	0
739	Hadeija	12 40	10 5	?	..	..	..	302·4	309·1	2nd	..	..	..	..	‡*293·8*	- 1·4	0	0
741	Maiduguri	11 47	13 11	361	..	..	..	304·8	309·1	2nd,3rd	286·2	283·0	11th	295·5	*295·2*	- 0·7	0	- 1
	§El Fasher	13 32	25 18	730	928·0	1009·8	..	304·7	308·0	sev.dates	..	..	..	..	‡*290·7*	..	0	0
743	El Obeid	13 11	30 14	563	947·9	1011·6	+ 0·1	303·5	306·7	17th	285·2	281·5	23rd,24th	294·4	*293·4*	+ 0·7	0	0
743a	Khartoum	15 37	32 33	390	967·1	1011·1	- 1·2	303·8	308·1	18th	289·1	285·8	23rd	296·4	*296·8*	+ 1·2	0	0
744	Port Sudan	19 37	37 13	5·5	1013·8	1014·4	- 0·3	300·4	303·5	10th	293·7	289·7	24th	297·0	*296·6*	+ 0·5	4	- 4
745	§Berbers, Somaliland	18 0	45 2	13·8	1012·6	1014·5	- 0·6	300·9	301·3	sev.dates	293·0	290·2	1,2,19	296·9	297·2	- 0·8	1	- 5
746	Aden	12 45	45 3	**29·9	1012·2	1015·7	- 0·9	301·1	302·7	16th	295·4	292·9	19th	298·3	*297·7*	+ 0·7	0	- 8
751	Bombay	18 54	72 49	11·3	1013·6	1015·0	- 0·4	301·8	306·6	8th	292·1	285·1	31st	296·9	295·9	- 0·3	16	+13
752	Kodaikanal	10 14	77 28	2343	772·3	..	+ 0·1	290·1	292·4	20th	281·2	278·2	6th	285·6	*284·9*	0·0	35	-38
753	Bangalore	12 59	77 38	921	913·0	1014·5	- 0·2	301·7	304·2	16th	288·3	285·1	2nd,5th	295·0	*294·4*	+ 1·7	7	+ 1
754	Madras	13 4	80 14	6·7	1012·9	1013·7	- 1·6	301·8	303·2	27th	293·3	290·6	12th	297·6	*297·2*	+ 0·1	47	+12
	Vizagapatam	17 42	83 19	11·6	1014·0	1015·3	- 1·1	300·0	301·3	17th	293·9	290·8	1st	296·9	*296·5*	+ 0·9	0	-12
765	Port Blair	11 40	92 40	18·0	1010·8	1012·8	- 0·7	302·8	304·1	22nd	297·6	293·9	14th	300·2	*299·8*	+ 0·3	74	+33
767	Rangoon	16 46	95 48	5·5	1013·5	1014·2	- 0·8	306·6	308·7	23rd	293·3	290·2	14th	299·9	*298·8*	+ 2·1	0	- 5
768	Cap St. Jacques	10 20	107 5	180	..	1012·3	..	300·3	302·7	24th	294·3	292·8	11th,12th	297·3	*296·8*	- 0·5	3	0
769	Nhatrang	12 15	109 12	3·6	..	1013·5	..	300·7	303·2	26th	293·3	289·6	11th	297·0	*296·5*	- 0·2	52	-10
	§Bolinao	16 23	119 53	2	..	1011·4	0·0	302·5	304·6	27th	293·5	289·4	19th	298·0	*298·0*	- 0·6	4	- 4
781	Vigan	17 34	120 23	12·2	..	1011·5	- 0·9	302·8	304·5	22nd	295·1	290·5	9th	298·9	298·3	- 0·2	66	+63
782	Manila	14 35	120 59	14·2	..	1012·1	- 0·1	302·5	305·4	25th	293·0	290·0	8th	297·7	296·9	- 0·2	20	- 4
783	Ormoc	11 0	124 36	5·6	..	1009·0	- 0·9	303·2	305·1	26th	294·4	290·9	19th	298·8	*298·4*	0·0	216	+37
784	§Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·4	- 1·3	301·5	303·2	2,11,12	296·8	293·5	31st	299·1	*299·2*	+ 0·1	60	- 5
785	Saipan	15 14	145 46	207	987·4	1007·7	..	299·3	300·9	12th	294·8	292·8	15th	297·1	296·8	..	63	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
**Timbuktu. Station moved to 16° 45′N., 3° 1′W. 273m. from January 1st.

†Estimates not based on at least six equally spaced observations each day are in italics.
§Change of normals, see Table of Authorities, pages 105-15.
**Aden. Height redetermined as 29·9m.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
805	Fanning Island	3 54	159 23	5·3	1008·8	1009·4	- 0·6	304·1	305·2	10,22,30	..	..	..	..	‡301·3	+ 0·5	8	-254
821	Cristobal	9 23	79 54	11·0	..	1010·2	- 1·4	303·2	304·1	4th	297·6	294·1	28th	300·4	299·6	+ 0·7	21	-74
822	Bogota	4 36	74 5	2645	745·6	..	+ 0·2	293·7	296·4	16th	281·1	277·3	23rd	287·4	286·7	+ 0·2	4	-64
822a	Merida, Venezuela	8 36	71 9	1641	‡841·5	..	..	296·1	297·0	22nd,23rd	285·5	284·0	16th	290·8	289·9	- 0·4	3	-60
823	Ciudad Bolivar	8 9	63 33	38	1007·8	1012·2	..	303·1	304·6	31st	294·2	291·7	14th	298·6	298·0	- 0·7	8	- 8
824	El Peru, Guayanavieja	7 19	61 49	220	986·2	1011·3	+ 0·3	300·3	302·1	31st	292·5	289·4	14th	296·4	295·9	- 0·5	59	-37
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·3	- 0·4	301·6	303·0	31st	296·6	295·2	11th	299·1	298·8	0·0	57	-146
826	Paramaribo	5 49	55 9	3·7	1012·1	1012·4	- 0·5	302·9	304·4	16th	294·9	291·1	15th	298·9	298·7	+ 0·3	103	-112
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	See Temp.	..	..	..	..	..	..	25	-240
831	10°-5°N. 30°-25°W.	††7 5	††27 6	§(92-113)	..	1012·4	+ 0·4	..	..	298·5 [-0·2	..	..	..	298·4	- 0·2	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	-10
834	Freetown, Sierra Leone	8 29	13 14	68·3	‡1005·4	‡1013·4	+ 1·1	303·2	306·3	29th	295·6	293·0	11th	299·4	298·8	- 1·0	0	+15
835	Assumentsi	5 18	1 15	97·3	..	..	..	303·3	305·2	24th,30th	293·0	288·0	15th	298·1	297·4	- 0·3	48	- 8
836	Accra	5 33	W. 0 12	16·0	1007·4	1009·2	- 0·7	303·4	305·0	13th	295·4	291·1	31st	299·4	298·9	- 0·5	7	
837	Lagos	6 27	E. 3 24	3·0	1011·3	1011·6	+ 2·0	303·8	304·8	11,27,30	296·4	293·0	13,15,16	300·1	299·4	- 0·1	1	-15
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	304·7	305·8	..	..	..	..	..	..	..	11	-64
839	§Yola	9 12	12 30	259	..	..	..	307·1	311·9	3rd	289·9	280·2	6th	298·5	298·2	- 1·1	0	- 1
841	Wau	7 42	28 3	440	959·9	1008·7	- 0·7	..	..	..	289·7	286·5	1st	..	298·3	0·0	0	- 1
843	Malakal (Kodok)	9 35	31 37	394	963·6	1008·0	- 1·1	308·2	311·5	9th	292·0	290·0	3,5,8	300·4	299·1	+ 0·8	0	0
843a	Mongalla	5 11	31 47	448	957·1	1006·4	- 1·2	311·0	313·7	28th	293·2	290·4	2nd	302·1	300·8	+ 0·7	5	+ 3
844	Entebbe	0 5	32 29	1171	882·9	1007·4	- 1·0	300·5	303·0	23rd	290·4	287·4	21st	295·4	295·6	+ 1·1	34	-26
845	Sheikh	9 55	45 15	1463	..	..	..	293·8	297·4	10th,13th	280·3	277·4	26th	287·1	..	..	0	- 7
851	Minicoy	8 17	72 49	2·7	..	..	..	303·4	304·2	28th	296·9	293·8	6th	300·2	299·8	..	6	-42
851a	Cochin	9 58	76 21	2·7	1013·4	1013·6	+ 0·2	302·9	305·1	26th	295·9	291·0	4th	299·4	299·0	- 0·5	112	+64
852	Colombo Observatory	6 54	79 52	7·3	..	1011·5	+ 0·8	302·4	303·6	25th	294·5	290·4	14th	298·4	298·0	- 0·6	168	-138
853	Nuwara Eliya	6 58	80 46	1881	814·9	1015·4	+ 2·7	293·7	296·1	18th	277·8	270·4	14th	285·8	284·9	- 1·2	72	-83
854	Trincomalee	8 35	81 15	30·2	..	1011·6	0·0	300·4	301·7	11th,30th	296·4	292·2	15th	298·4	298·0	+ 0·1	..	
855	Kuta Raja	5 32	95 20	7·1	..	1010·5	- 0·3	..	..	..	..	..	..	..	..	..	21	-126
856	Medan	3 35	98 41	25	..	1010·5	- 0·8	303·3	305·4	28th	294·7	292·2	18th	299·0	298·7	+ 0·9	31	-106
857	Penang	5 34	100 20	5·0	..	..	..	308·7	307·4	2,5,29	294·9	294·1	14,25,28	300·8	300·0	+ 0·5	17	-81
858	Singapore	1 18	103 51	10·9	..	..	..	303·4	304·9	29th	295·5	294·1	28th	299·4	298·9	0·0	63	-186
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	999·7	1010·1	- 0·5	303·2	305·2	29th,30th	294·8	293·6	12th,27th	299·0	298·0	..	116	..
859	Sandakan	5 50	118 7	31·7	..	..	..	302·9	305·2	14th	296·1	295·2	sev.dates	299·5	299·6	- 0·1	149	-344
860	§Iwahig	9 44	118 38	14·3	..	1009·5	0·0	302·3	303·8	10th	294·0	290·9	8th	298·1	298·0	- 0·6	137	+60
861	Tagbilaran	9 38	123 51	21·3	..	1009·0	- 1·1	301·9	304·7	26th	295·4	293·3	19th	298·7	298·0	- 0·5	268	+181
861a	Menado	1 30	124 50	8·5	..	1008·9	- 0·3	302·2	304·2	7th	296·3	294·1	31st	299·5	299·2	+ 0·7	324	-141
862	Surigao	9 48	125 29	6	..	1009·5	- 0·6	300·6	303·0	25th	296·2	294·2	31st	298·4	298·3	- 0·2	712	+183
863	Kolonie, Yap	9 29	138 8	29·3	..	1008·5	- 0·5	302·1	303·6	10th	297·2	294·9	20th	299·7	299·1	- 0·5	424	+250
864	Palau	7 20	134 29	31·3	1004·3	1007·9	..	301·7	304·1	10th	296·6	295·0	28th	299·1	299·0	..	698	..
867	Ponape	6 58	153 13	38·9	1002·9	1007·3	..	302·0	303·1	14,21,31	297·4	294·8	31st	299·7	299·5	..	440	..
		N.	E.															

JANUARY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32	172 31	1·8	..	1007·0	..	303·6	306·1	16th,17th	299·4	297·3	19th	301·5	..	..	137	..
920	Lambayeque	6 46	80 55	15	..	..	..	304·3	308·1	23rd	291·9	290·6	19th	298·1	296·6	..	0	..
921	Quito	0 14	78 30	2816	726·5	..	- 0·9	295·1	297·1	13th	280·5	276·0	19th	287·8	286·4	+ 0·6	133	+ 2
924	Manaos	3 8	60 1	43·8	..	..	..	303·2	306·6	6th	295·4	294·3	24th	299·3	299·0	- 0·1	304	+66
926	Taperinha	2 30	54 20	21·0	1007·9	1010·4	- 0·4	304·2	306·0	2,3,15	296·3	294·3	21st	300·2	299·5	+ 1·1	252	-44
927	Turyassu	1 43	45 26	9·1	1008·6	1009·8	- 0·8	304·1	306·0	5th	295·6	293·0	12th	299·3	299·5	+ 0·3	147	+57
928	Barra do Corda	5 30	45 16	81·0	999·0	1008·3	- 1·1	304·4	306·5	10th	295·0	293·4	3rd	299·7	298·6	+ 0·5	212	-68
929	Quixeramobim	5 16	39 15	207	987·2	1010·4	- 0·4	305·7	307·0	20th	298·3	296·5	12th	302·0	301·6	+ 0·4	19	-23
930	Fernando Noronha	3 50	32 25	106	999·1	1011·0	- 0·7	301·4	302·8	27th	297·7	296·2	25th	299·6	299·0	+ 0·4	26	
934	§Ascension Island	7 56	W. 14 25	16·8	1010·3	1012·1	- 1·2	302·2	304·1	27th	296·2	295·2	sev.dates	298·2	298·3	+ 0·1	4	0
939	Loanda	8 49	E. 13 13	51	..	1009·7	- 1·3	301·2	302·8	11th	296·5	294·7	15th	298·9	298·3	+ 0·2	65	+36
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·8	296·0	..	283·8	281·5	..	288·8	289·3	..	124	..
943	Masaka	0 20	31 44	1280	..	..	..	300·2	305·2	12th	288·9	286·9	23rd	294·6	..	..	95	+41
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·4	1012·2	..	297·5	300·0	24th	284·8	281·8	9th	291·2	290·4	+ 0·5	11	-30
944a	Zanzibar	6 10	39 11	17·1	1010·1	1012·0	- 0·5	303·7	304·3	27th	299·9	298·4	9th	301·8	301·4	+ 0·6	6	-66
945	Lamu	2 16	40 50	3·0	..	..	..	301·9	302·4	sev.dates	296·9	295·2	12th	299·4	299·0	- 0·8	0	- 5
947	Seychelles, Port Office	4 37	55 27	4·6	1010·9	1011·5	+ 0·2	301·5	302·9	16th	296·4	295·6	14th	298·9	299·3	- 0·7	326	-102
957	Padang	0 56	100 22	6·7	..	1010·9	- 0·1	303·0	305·0	20th	295·9	294·8	16th	299·4	298·9	- 0·4	243	-108
958	Batevia	6 11	106 50	8·0	1009·0	1009·9	0·0	302·1	304·4	5th	296·3	294·8	11th	299·2	298·8	+ 0·3	208	-180
958a	Pontianak	0 1	109 20	2·6	..	1009·3	- 1·0	304·0	306·7	17th	296·9	295·3	30th	300·5	299·6	+ 0·5	187	-86
959	Pasuruan	7 38	112 55	5·0	..	1008·5	- 0·6	303·9	305·6	28th	296·9	295·3	17th	300·3	299·7	+ 0·2	190	-65
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	467	-11
962	Amboina	3 42	128 10	4·2	..	1007·8	- 0·8	303·1	304·3	9th	297·5	296·1	17th	300·3	299·9	- 0·1	134	+ 7
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	368	+61
965	Daru	9 4	143 13	7·6	..	..	..	304·0	..	..	..	..	..	..	..	..	365	+65
966	Port Moresby	9 29	147 9	38·4	..	1007·3	- 0·9	304·7	..	..	296·3	..	..	300·2	299·9	- 0·4	144	-28
967	Rabaul	4 9	152 12	12·5	1004·5	1005·3	- 1·4	304·8	307·7	2nd	295·7	..	..	300·2	299·6	- 0·7	..	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?304·5	?305·2	31st	296·4	295·1	31st	300·5	300·0	+ 0·1	241	-111
970	Ocean Island	0 52	169 35	42·6	1002·3	1007·2	- 1·9	305·6	308·0	3rd,10th	?297·3	?295·2	21st	?300·9	?300·7	0·0	706	+387
											299·1	297·4	29th	302·3	301·7	+ 1·5	279	-34
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
¶Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
2002	Apia, Samoa	13 48	171 46	2·0	..	1005·3	- 1·7	302·0	303·7	26th	297·1	295·3	21st	299·5	299·7	0·0	616	+183
2003	§Alofi, Niue Island	19 2	169 55	19·8	..	1007·0	- 2·2	302·8	305·8	26th	294·2	291·3	31st	298·4	299·2	- 1·3	691	+426
2021	Lima	12 5	77 3	111	995·9	1008·8	..	300·2	304·2	27th	290·9	289·3	8th	295·5	293·9	..	1	..
2022	Arica	18 28	70 20	5	1009·8	1010·3	..	..	..	..	..	..	..	..	295·9	..	0	- 1
2024	La Paz, Bolivia	16 30	68 8	3658	656·0	..	- 1·5	290·5	295·5	..	279·7	278·3	..	285·1	284·5	+ 1·0	108	-11
2025	Corumba	18 59	57 39	116	993·1	1006·0	- 1·6	304·3	309·8	1st	295·8	292·8	9th	300·0	299·2	- 0·3	220	+ 7
2027	Cuyaba	15 36	56 6	165	989·0	1007·6	- 0·7	305·0	309·3	23rd	296·1	294·6	6th	300·6	299·4	+ 0·4	82	-159
2028	Bello Horizonte	19 56	43 56	895	911·2	1009·9	- 2·0	300·4	305·0	1st	291·5	286·0	13th	296·0	295·0	+ 0·2	333	-15
2029	Caetite	14 3	42 37	897	914·1	1011·3	- 0·2	302·1	305·7	11th	291·1	288·6	4th	296·6	296·1	- 0·1	98	-39
2030	Ondina (Bahia)	13 0	38 31	46·6	1005·0	1010·3	- 2·1	303·6	305·3	30th	296·3	295·3	26th	300·0	299·6	+ 0·8	4	-71
2036	Aracaju	10 55	37 3	6·1	1014·2	1015·0	+ 1·6	303·0	304·4	29th	296·7	293·7	3rd	299·8	299·6	..	1	..
2038	St. Helena	15 57	W. 5 40	579	945·4	1012·1	- 0·7	291·3	294·1	29th	287·4	286·9	sev.dates	289·3	289·3	- 0·5	46	..
2039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2041	Livingstone	17 51	25 51	972	903·6	1008·3	..	303·3	309·7	12th	292·3	289·6	5th	297·8	..	..	190	..
2042a	Elisabethville	11 39	27 28	**1230	876·2	1007·7	0·0	300·0	303·8	12th	289·9	288·6	11th	294·9	..	- 0·2	343	+111
2042	Gwelo	19 26	30 2	1411	..	..	..	297·9	301·9	5th,16th	288·2	284·7	4th	293·1	..	- 1·4	196	+51
2043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·0	1010·2	+ 0·5	297·8	302·4	5th	288·7	285·7	6th	293·3	292·5	- 0·6	304	+118
2044	Zomba	15 23	35 18	955	903·8	1007·1	0·0	298·9	303·0	11th	291·3	289·7	14,15,17	295·1	294·5	- 0·6	457	+175
2045	Mossuril	14 57	40 40	15	..	1009·7	..	305·2	307·9	25th	296·3	295·1	6th	300·7	300·0	..	244	..
2046	Antananarivo	18 55	47 33	1375	863·3	1009·9	+ 0·5	299·7	303·5	10th	288·5	286·2	17th	294·1	293·5	+ 0·5	221	-78
2056	Cocos, Keeling Is.	12 5	96 53	4·6	1011·2	1011·9	+ 0·4	303·0	304·4	25th,28th	297·7	295·3	22nd	300·3	299·9	- 0·2	18	-120
2057	Christmas Island	10 25	105 43	5·5	1007·3	1007·8	0·0	304·0	305·2	sev.dates	297·4	295·2	10th	300·7	300·1	+ 0·3	198	-29
2061	Kupang	10 10	123 34	45	1002·6	1007·7	- 1·0	302·9	305·6	31st	296·8	295·0	3rd	299·8	299·5	- 0·1	596	+208
2061a	Derby	17 18	123 40	16·2	1003·7	1005·9	- 1·1	308·3	314·1	20th	299·7	295·2	4th,5th	304·3	..	+ 0·9	75	-106
2062	Hall's Creek	18 13	127 46	373	963·3	1003·6	- 2·7	312·3	314·9	1st	299·2	293·0	19th	305·7	305·2	+ 2·5	23	-125
2063	Darwin	12 28	130 51	29·6	999·6	1003·0	- 2·3	305·9	310·2	1st	298·3	295·1	28th	302·1	301·1	+ 0·3	407	+11
2064	Daly Waters	16 16	133 23	211	978·3	1001·7	- 3·3	310·8	315·2	1,4,19	297·4	294·1	13th,28th	304·0	303·5	+ 0·6	245	+83
2065	Palmerville	15 56	144 8	210	979·7	1003·0	- 2·8	305·0	309·9	1st	296·5	294·0	15th	300·8	..	- 0·3	442	+165
2066a	Georgetown, Queensland	18 22	143 32	302	971·3	1004·7	- 2·0	306·4	309·1	2,5,30	296·4	293·0	21st	301·4	..	+ 0·1	354	+145
2066	Willis Island	16 18	149 59	8·5	1002·0	1003·1	..	302·7	303·7	23rd	298·1	295·9	25th	300·4	300·7	..	292	..
2067	Samarai	10 37	150 40	6·1	..	1005·9	- 1·8	..	..	..	..	..	..	..	‡302·9	+ 1·7	142	-26
2072	Suva, Fiji	18 8	178 26	6·1	1005·1	1005·7	- 1·7	302·6	305·2	17th	296·7	293·6	25th	299·6	299·4	0·0	363	+73
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

JANUARY - ZONE 11 (AMERICA, AFRICA).

2106	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2121	Punta Tortuga, Coquimbo	29 55	71 22	**25	1010·7	1013·5	- 1·0	294·5	297·3	30th	287·9	286·8	3rd,5th	291·2	290·9	+ 1·0	0	0
2122	Antofagasta	23 42	70 24	94	1004·4	1015·4	+ 0·6	297·3	300·0	16th	290·3	289·5	12th	294·1	293·6	0·0	0	0
2124	Catamarca	28 27	65 47	510	947·2	1003·2	- 3·2	307·4	313·7	22nd	293·0	286·6	7th	300·2	299·1	- 0·7	54	-19
2126	Salta	24 46	65 28	1182	878·4	1004·4	- 1·9	301·4	304·9	22nd	290·7	287·1	27th	296·0	295·7	+ 0·6	279	+107
2128	Goya	29 9	59 15	37	1002·5	1006·7	- 2·2	308·4	314·2	21st	295·0	290·3	8th	301·7	301·1	+ 2·4	90	-25
2129	Asuncion	25 17	57 41	93	996·6	1007·1	- 1·0	307·5	312·0	21st	296·9	293·5	28th	302·2	300·9	+ 0·9	147	- 3
2130	Curityba	25 25	49 17	908	909·3	1008·8	- 2·3	298·9	303·5	21st	290·3	287·5	9th	294·6	293·4	+ 0·1	238	+67
2135	Rio de Janeiro	22 54	W. 43 10	18·3	1005·6	1007·7	- 3·3	300·5	305·8	15th	296·2	294·3	4th	298·4	298·4	0·0	226	+100
2139	Windhoek	22 34	E. 17 6	1727	828·7	1005·9	..	303·9	307·6	14th	291·4	287·0	23rd	297·6	296·8	+ 1·1	24	-56
2140	O'Okiep	29 36	17 52	933	908·5	1009·0	- 0·6	306·2	312·1	14th	291·2	284·1	5th	298·7	298·4	+ 3·4	0	- 5
2141	Kimberley	28 44	24 46	1218	879·5	1008·1	+ 0·1	306·9	312·4	4th	291·4	286·9	23rd	299·2	298·9	+ 1·7	49	-12
2142a	Johannesburg	26 11	28 4	1806	823·1	1011·3	+ 0·6	297·8	304·2	5th	286·9	284·1	28th	292·3	291·8	0·0	96	-61
2142	Bulawayo	20 9	28 35	1349	866·9	1011·3	+ 0·2	298·4	303·4	5th	289·3	283·3	6th	293·8	293·3	- 1·1	193	+45
2143	Durban	29 52	31 3	15·2	1013·4	1015·2	+ 0·5	300·2	303·8	2nd,4th	294·1	290·6	27th	297·1	296·7	- 0·2	148	+32
2144	Lourenço Marques	25 58	32 36	59·5	..	1013·5	+ 1·1	301·8	308·0	19th	293·9	291·0	28th	297·9	297·6	- 0·8	64	-63
2147	Mauritius	20 6	57 33	55·2	1006·1	1012·4	+ 0·5	301·7	304·0	25th	295·6	294·0	25th	298·7	298·5	- 0·5	219	+22
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
See Table of Authorities, Remarks, pages 105-15.
**Elisabethville. Height redetermined as 1230m.
†Estimates not based on at least six equally spaced observations each day are in italics.
¶Change of normals, see Table of Authorities, pages 105-15.
**Punta Tortuga, Coquimbo. Height changed from 27m. to 25m. from January 1st.

JANUARY – ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1003·1	1003·6	- 2·4	309·9	320·7	4th	297·7	292·3	25th	303·8	..	+ 1·0	0	-23
1160	Cue	27 27	117 52	454	959·3	1008·6	+ 1·2	310·9	317·9	11th	295·3	286·9	24th	303·1	..	- 0·1	46	+20
1161	Nullagine	21 53	120 5	386	..	..	..	314·4	317·4	8th	297·1	288·6	30th	305·7	..	+ 1·0	8	-28
1162	Laverton	28 40	122 23	466	959·2	1010·4	+ 0·8	309·4	315·1	11th,22nd	292·6	285·2	24th	301·0	*300·7*	- 0·1	6	-16
1163	Alice Springs	23 38	133 37	587	941·5	1004·5	- 1·1	309·3	315·9	18th	294·9	287·1	29th	302·1	*302·1*	+ 0·7	3	-41
1164a	Boulia	22 55	139 38	146	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1165	Thargomindah	27 58	143 43	123	987·1	1003·1	- 1·8	310·9	315·9	18th	297·8	291·7	30th	304·3	*304·3*	+ 0·2	11	-33
1166	Mitchell	26 32	147 52	336	991·2	1004·7	- 2·5	310·3	315·2	8th,9th	297·6	289·7	30th	304·3	*303·9*	+ 1·6	8	-27
					968·9	1005·8	- 2·1	308·3	314·3	18th	293·0	288·0	30th	300·7	..	+ 1·3	25	-25
1167	Rockhampton	23 24	150 30	11·3	1004·5	1005·7	- 3·5	305·7	314·6	17th	295·3	293·0	25th	300·7	*300·1*	+ 0·3	99	+120
1168	Brisbane	27 28	153 2	41·8	1004·3	1008·7	- 2·8	304·6	311·9	31st	294·7	291·1	26th	299·7	*299·8*	+ 1·6	117	-47
1170	Norfolk Island	29 4	167 59	14·9	1012·7	1014·5	+ 1·3	299·1	301·3	14th	293·8	289·7	4th	296·4	*296·0*	+ 1·5	14	-76
		S.	E.															

JANUARY – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 52 W.	**6	1017·4	1018·1	..	294·6	296·3	24th,28th	288·7	286·8	1st	291·7	*290·6*	- 0·1	70	+48
1221a	Punta Tumbes	36 37	73 6	120	998·0	1012·3	- 2·0	291·4	296·2	20th	284·6	278·8	2nd	288·0	*287·8*	- 0·2	47	+41
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·1	1014·0	- 0·1	293·9	297·2	25th	286·4	284·4	5th	290·1	*289·6*	- 1·0	21	+11
1222a	Santiago	33 27	70 42	520	951·8	1010·7	- 1·4	302·2	307·0	19th	284·6	282·2	7th	293·4	*292·5*	- 0·1	18	+15
1223	Cordoba	31 25	64 12	423	959·2	1006·4	- 2·5	305·6	312·9	22nd	289·9	283·7	8th	297·7	297·3	+ 1·1	122	-35
1224	Bahia Blanca	38 45	62 15	25	1004·2	1007·1	- 4·0	307·7	314·6	27th	291·1	285·0	1st	299·4	298·8	+ 2·6	16	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1006·2	1009·1	- 2·4	304·3	310·8	19th	291·8	284·3	8th	298·0	297·7	+ 1·6	35	-44
1226	Montevideo (Prado)	34 52	56 12	24·9	1005·4	1008·7	- 3·7	303·2	309·0	18th	290·3	282·6	8th	296·8	*296·6*	+ 1·2	19	-56
1226a	Porto Alegre	30 2	W. 51 13	23·5	1005·7	1008·4	- 2·9	304·5	311·0	20th	293·6	290·8	9th	299·1	298·2	+ 0·8	25	-85
1239	Cape Town	33 56	E. 18 29	12·2	1012·4	1013·8	+ 0·8	300·9	312·1	27th	290·0	286·6	4th	295·5	*294·1*	+ 1·4	0	-31
1240	Danger Point	34 37	19 18	27·7	1010·6	1013·9	+ 0·9	295·3	297·4	6th,24th	287·7	284·7	9th	291·5	..	- 0·1	1	-30
1241	Riversdale	34 6	21 16	61·0	..	..	..	301·0	310·2	27th	287·6	283·6	17th	294·3	..	- 0·6	4	-25
1242	East London	33 1	27 54	45·4	1010·3	1015·5	+ 2·6	297·9	301·3	28th	290·6	286·9	1st	294·2	..	+ 0·1	20	-41
1259	Perth (Observatory)	31 57	115 51	60·0	1007·3	1014·5	+ 1·8	301·9	310·7	14th	289·4	283·4	18th	295·7	*295·2*	- 0·5	8	- 1
1260	Katanning	33 42	117 35	310	979·5	1014·6	+ 1·6	303·1	311·7	21st	284·8	280·4	18th	294·0	..	- 0·7	5	- 4
1261	Coolgardie	30 57	121 10	423	965·0	1012·2	+ 0·8	306·1	314·8	22nd	288·0	281·3	24th	297·1	*296·8*	- 1·0	9	..
1262	Bucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1011·7	1013·1	- 0·3	299·3	311·9	23rd	288·3	282·4	20th	293·8	*293·0*	- 1·3	1	- 7
1264	Adelaide	34 56	138 35	42·7	1006·6	1011·6	- 1·4	300·6	313·1	3rd	288·7	283·4	20th	294·6	*294·0*	- 1·6	11	-13
1265	Melbourne	37 49	144 58	35·1	1005·1	1009·1	- 3·8	298·8	311·4	24th	286·5	281·7	31st	292·7	*292·3*	0·0	35	-34
1266	Bourke	30 13	145 58	110	996·6	1008·7	- 2·3	312·2	318·0	7th	295·7	289·7	28th,29th	303·9	..	+ 1·6	1	
1267	Sydney	33 51	151 13	42·1	1003·7	1008·4	- 3·9	300·1	314·2	9th	292·9	288·9	21st	296·5	*296·1*	+ 1·4	8	-82
1268	Lord Howe Island	31 20	159 0	4·9	1010·8	1011·4	- 1·9	299·5	301·6	31st	294·2	288·5	2nd,3rd	296·8	..	+ 1·4	88	-38
1271	Auckland	36 51	174 48	13·4	..	1012·7	- 0·9	296·5	299·3	15th,18th	286·6	283·1	25th	292·5	..	+ 0·3	35	-58
1272	Napier	39 29	176 55	1·5	..	..	..	296·2	304·7	18th	287·6	280·8	27th	291·9	..	0·0	22	
		S.	E.															

JANUARY – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52 S.	176 42 W.	45·7	..	1006·0	- 2·4	..	..	..	..	..	..	..	..	..	80	+20
1321	∮Isla Guafo	43 34	74 45	140	996·7	1013·4	- 2·5	287·3	290·5	26th	283·0	280·6	1st	285·1	*285·6*	0·0	106	+44
1322	Punta Galera	40 1	73 44	40	1009·9	1014·7	- 1·6	289·9	293·0	29th	284·1	282·2	7th	287·0	*287·0*	+ 0·2	148	+ 6
1323	Sarmiento	45 34	69 0	272	974·3	1005·6	- 2·5	298·5	305·2	3rd	285·6	278·8	1st	292·0	291·7	+ 0·7	6	+ 3
1324	∮Puerto Madryn	42 49	W. 64 58	14	1003·8	1005·4	- 3·2	301·0	308·4	24th	284·5	278·4	6th	292·8	293·4	+ 0·4	3	- 2
1365	∮Launceston	41 27	E.147 10	10·1	1004·2	1005·4	- 5·6	293·9	299·1	22nd	284·2	277·9	20th	289·1	*288·0*	- 1·7	54	+ 9
1366	Hobart	42 53	147 20	53·9	997·1	1003·5	- 6·6	294·4	301·5	25th	284·4	279·4	10th	289·4	*288·3*	- 0·3	54	+ 1
1369	Invercargill	46 25	168 21	3·7	..	..	..	292·2	299·7	31st	283·4	277·4	4th	287·8	..	+ 0·6	140	+40
1370	Alexandra	45 15	169 24	159	..	..	..	295·7	305·3	18th	285·4	278·6	24th	290·6	289·3	..	40	..
1371	Dunedin	45 52	170 31	6·1	..	1008·9	- 2·1	292·9	307·4	18th	283·4	278·6	23rd,26th	288·2	..	+ 0·7	112	+46
1371a	Christchurch	43 32	172 37	7·6	..	1008·3	- 2·3	294·1	304·9	18th	284·6	278·1	24th	289·3	..	- 0·1	103	-30
1372	Wellington	41 16	174 46	128	..	1010·2	- 2·6	291·9	296·8	31st	285·8	280·3	24th	288·8	288·3	- 1·1	55	
		S.	E.															

JANUARY – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islote de los Evangelistas	52 24 S.	75 6 W.	55	995·0	1001·7	- 0·6	283·7	287·0	24th	279·9	278·0	12th	281·8	*282·1*	+ 0·4	205	-100
1422	Magallanes (Punta Arenas)	53 10	70 54	28	997·1	1000·5	0·0	289·0	292·8	29th	280·4	277·0	14th	284·7	*284·1*	- 0·1	40	+ 6
1423	Punta Dungeness	52 24	68 26	5	998·4	999·0	- 1·5	287·4	292·0	29th	280·8	278·0	16th	284·1	*284·0*	- 0·7	30	+18
1424	∮Santa Cruz	50 1	68 31	12	1000·3	1001·7	- 2·1	294·3	301·6	24th	282·6	276·9	17th	288·6	288·0	+ 0·2	33	
1425	∮Stanley, Falkland Is.	51 42	57 51	1·8	..	998·7	- 0·9	285·3	291·3	28th	277·9	274·1	1st,2nd	281·6	..	- 0·9	98	+38
1426	Cape Pembroke	51 41	57 42	21·3	996·3	998·9	- 0·8	283·9	289·7	27th	278·3	275·2	1st,2nd	281·1	281·4	- 1·1	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	996·1	996·6	+ 2·8	279·3	291·9	28th	272·8	270·0	20th	276·1	*276·0*	- 1·9	31	-25
		S.	W.															

JANUARY – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	∮South Orkneys	S. 60 44	W. 44 39	7	998·1	999·0	+ 7·7	273·9	276·7	28th	270·5	267·0	16th	272·2	272·0	- 1·2	33	- 2
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities. Remarks, pages 105-15.
**Height changed from 345m. to 6m. from January 1st.

†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-12.

RÉSEAU MONDIAL, FEBRUARY 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF FEBRUARY, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

FEBRUARY – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
2101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2102	Barrow	71 23	156 17	4·6	..	1023·7	+ 4·1	251·4	269·7	11th	244·0	231·3	22nd	247·7	..	..	..	..
																+ 2·5	4	- 1
2126	Upernivik	72 47	56 7	19·2	1001·9	1004·4	- 4·4	264·8	278·9	20th,21st	258·5	249·0	13th	261·7	*261·3*	+11·2	8	- 5
2151	Myggbukte	73 30	21 30	3·2	..	1016·9	..	..	270·0	14th	..	238·0	12th	..	*256·9*	..	17	..
2152	Scoresbysund	70 29	21 58	16·9	1011·5	1013·7	..	266·7	272·9	13th	258·6	248·5	1st	262·7	*262·8*	..	50	..
2126	Jan Mayen	70 59	W. 8 18	23·1	1010·4	1013·3	+10·2	..	276·7	4th	271·2	265·3	25th	..	*273·0*	+ 2·8	54	+10
2149	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1014·0	1015·4	+ 9·0	..	275·0	13th	260·0	236·4	27th	..	264·8	+10·9	80	+46
2148	Björnöen	74 28	19 17	40·5	1014·3	1019·5	+14·5	..	275·6	10th	268·2	256·4	27th	..	*270·6*	+ 3·7	36	- 4
2147	Ingöy	71 4	24 6	4·3	1022·5	1023·0	+15·4	..	277·0	2nd	269·8	260·9	5th	..	*272·3*	+ 1·0	58	+ 3
2146	Sletnes	71 5	28 14	10·2	1022·6	1023·9	+21·3	..	275·2	8th	266·5	257·9	5th	..	*269·8*	..	22	..
2143	Vardö	70 22	31 8	11·8	1023·3	1024·6	+19·9	..	274·7	15th	263·6	249·3	5th	..	*267·6*	+ 0·5	23	-42
2147	Malye Karmakouly	72 23	52 43	15·3	1020·3	1022·3	+14·0	..	..	..	..	..	..	..	*260·9*	+ 3·3	..	..
2148	Waigatz	70 24	58 47	11·2	1021·5	1023·0	+12·2	..	..	..	..	..	..	..	*255·1*	- 0·3	7	+ 1
1&2	Dickson	73 31	80 23	13·0	1021·9	1023·7	+10·6	..	..	..	245·1	234·7	6th	..	*248·8*	+ 1·9	7	+ 2
2&2	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

FEBRUARY – ZONE 2.

2201	Preobrajenye	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2203	Nome	64 30	165 24	6·7	1008·9	1009·5	+ 0·6	266·2	276·3	6th	258·8	241·3	22nd,23rd	262·5	*262·3*	+ 4·2	15	- 9
2204	Bethel	60 45	161 47	11·6	..	1007·4	..	268·7	279·7	13th	261·7	243·0	23rd	265·2	..	..	18	..
2205	Tanana	65 10	152 6	69·5	1006·2	1014·9	+ 2·4	262·7	275·2	13th	256·6	237·4	22nd	259·6	*259·4*	+ 6·9	10	+ 1
2206	Rampart	65 30	150 15	114	..	..	..	259·2	274·1	14th	252·3	234·7	21st	255·7	..	+ 7·1	38	+19
																+ 4·6	20	+ 2
2207	Valdez	61 7	146 16	122	..	..	..	271·1	275·2	16th	266·9	257·4	22nd,23rd	269·0	..	..	272	..
2208	Eagle	64 46	141 12	248	984·7	1016·9	+ 2·2	263·3	274·1	28th	256·1	228·0	22nd	259·7	*259·6*	+ 6·9	10	+ 1
2209	Dawson	64 4	139 29	324	978·2	1021·9	..	256·0	274·1	15th	248·9	230·8	22nd	252·4	*252·9*	+ 3·7	25	+ 7
2211	Mayo Landing	63 35	135 51	?579	956·6	1033·2	..	260·7	272·4	15th	250·1	230·8	22nd	255·4	*256·1*	..	18	..
2208	Fort Good Hope	66 15	128 38	65·2	1017·2	1026·4	..	251·9	273·6	11th	241·3	226·3	22nd,23rd	246·6	..	+ 1·5	16	+ 3
2212	Fort Simpson	61 52	121 35	129	1005·6	1023·5	..	254·8	273·0	13th	244·2	226·3	22nd	249·5	*249·8*	+ 0·8	3	-16
2213	Hay River	60 51	115 57	161	1000·3	1022·8	..	253·8	270·2	13th	240·2	226·3	23rd	247·0	*246·3*	- 2·1	12	- 2
2301	Jacobshavn	69 13	51 2	31·6	995·4	999·4	- 7·0	270·2	279·1	24th	263·1	254·2	13th	266·7	*266·7*	+12·6	7	0
2302	Godthaab	64 10	51 43	20	..	..	..	271·3	281·4	24th	265·3	260·6	23rd	268·3	*268·1*	+ 5·2	2	-44
2303	Ivigtut	61 12	48 10	30·0	992·6	996·4	- 4·3	..	..	..	265·9	260·1	22nd	..	*269·8*	+ 4·2	15	-54
2304	Angmagsalik	65 36	37 33	29·3	997·1	1000·8	- 1·0	272·7	277·3	27th	266·3	258·1	1st	269·5	*270·1*	+ 6·2	74	+24
2321	Stykkisholm	65 5	22 46	25	..	1001·4	+ 0·6	277·6	282·0	20th	272·6	267·4	10th	275·1	*275·1*	+ 4·8	92	+27
2322	Westmanno	63 24	20 17	132	..	1000·7	+ 0·8	279·1	281·5	20th	274·8	269·0	10th	276·9	*277·0*	+ 3·4	171	+48
2323	Grimsey	66 33	18 1	22	..	1003·9	+ 1·3	276·5	278·7	5th	..	..	..	..	*274·7*	+ 4·6	18	+ 1
2324	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2325	Teigarhorn	64 41	14 22	18	..	1006·8	+ 4·6	278·6	281·5	3rd,21st	274·1	268·5	10th,11th	276·3	*276·0*	+ 4·2	300	+200
2326	Hjälvig	62 3	6 45	22·9	1010·8	1013·6	+ 8·2	279·3	281·4	2,7,20	275·5	271·2	14th	277·4	*277·8*	+ 1·5	50	-84
2327	Lerwick	60 8	W. 1 11	18·0	..	1018·0	+10·7	277·8	282·4	5th	274·9	270·2	14,15,16	276·3	*276·7*	- 0·2	50	-30
2328	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1020·5	1026·2	+16·1	274·3	280·4	2nd	269·6	264·1	12th	271·9	*272·0*	- 2·9	42	-91
2340	Aalesund	62 28	6 10	6·2	1024·2	1025·0	+15·2	..	282·0	1st	271·3	266·6	27th	..	*273·7*	- 1·4	27	-65
2341	Trondhjem	63 26	10 25	59·2	1020·1	1027·8	+19·6	271·2	277·0	1st	264·2	257·8	26th	267·7	*268·1*	- 2·6	12	-56
2342	Bodö	67 17	14 26	17·0	1024·0	1026·1	+20·5	..	277·5	2nd	269·0	262·7	24th	..	*271·3*	+ 0·7	78	+ 9
2345	Haparanda	65 50	24 9	9·2	1030·4	1031·6	+22·6	262·0	273·1	2nd	254·0	242·3	24th	258·0	*258·0*	- 3·3	14	-14
2346	Helsingfors	60 10	24 57	11·7	1030·7	1032·2	+29·6	262·7	272·5	2nd	255·5	244·9	6th	259·1	*259·6*	- 6·7	7	-30
2347	Kuopio	62 55	27 40	233	1002·4	1033·7	+21·1	261·5	272·5	3rd	254·3	243·0	5th	257·9	*258·3*	- 5·0	15	-20
2348	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2349	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2360	Arkhangelsk	64 34	40 31	6·3	1029·5	1030·3	+19·4	..	..	..	..	..	..	..	*254·9*	- 5·4	9	- 9
2361	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2362	Oust-Taylma	65 25	52 18	? 68	1016·3	1025·7	+13·6	257·1	271·2	13th,14th	248·2	229·3	5th	252·6	*252·8*	- 4·7	15	0
2363	Tcherdyn	60 24	56 31	?208	997·1	1025·3	+ 7·4	256·9	265·6	16th	250·3	232·9	6th	253·6	*253·4*	- 5·3	12	-14
2364	Berezov	63 56	65 4	46	1020·7	1027·1	+10·9	..	..	..	..	..	..	..	*250·7*	- 3·4	13	+ 1
2365	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2366	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2367	Sourgout	61 15	73 24	48	1020·8	1027·5	+ 8·2	..	..	..	..	..	..	..	*249·0*	- 4·2	17	+ 5
2368	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2369	Touroukhansk	65 47	87 57	45·0	1024·4	1030·8	+10·4	..	..	..	..	..	..	..	*247·0*	- 2·2	12	+ 2
2381	Wilouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2382	Iakoutsk	62 1	129 43	108	1015·8	1031·7	+ 5·0	..	..	..	..	..	..	..	*235·7*	- 1·9	6	+ 1
2383	Verkholansk	67 33	133 24	100	1010·7	1025·5	+ 3·3	..	..	..	..	..	..	..	*234·1*	+ 5·4	8	+ 5
2384	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2401	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2402	Novo Marlinskii Post	64 45	177 33	17·2	1012·4	1014·7	- 2·4	..	..	..	..	..	..	..	*259·4*	+ 7·1	11	+ 5
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

RÉSEAU MONDIAL

FEBRUARY - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1000·7	- 1·1	273·7	278·6	16th	270·2	258·0	23rd	271·9	..	+ 4·5	35	-11
303	Dutch Harbor (Radio)	53 55	166 30	4·0	996·1	996·6	- 2·0	277·9	281·3	14th,15th	273·1	266·3	24th	275·5	*275·3*	+ 2·7	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	276·3	279·1	12th	272·4	268·0	24th,26th	274·3	..	..	226	+86
305	Dillingham	59 0	158 28	24·4	..	..	..	273·7	278·6	13th,14th	266·9	253·6	22nd,23rd	270·3	..	+ 4·4	95	+13
306	Kodiak (Radio)	57 47	152 22	4·6	1008·7	1009·5	+ 7·9	278·8	281·9	9,14,18	273·2	268·0	24th	276·0	*276·4*	+ 3·2	121	
309	Sitka	57 3	135 19	19·8	..	..	..	277·7	280·3	15th	271·9	259·7	1st	274·8	..	+ 0·6	250	+86
310	Prince Rupert	54 18	130 18	51·8	1016·1	1022·6	+11·5	277·2	280·8	13th	271·8	261·3	2nd	274·5	*274·7*	- 0·6	126	-89
311	Barkerville	53 2	121 35	1274	867·9	1022·5	+ 5·3	268·7	275·2	14th,28th	258·3	245·8	2nd,3rd	263·5	*263·3*	- 2·1	65	- 1
312	Kamloops	50 41	120 29	385	978·5	1028·3	+ 4·6	287·8	280·2	24th	259·8	248·0	4th	263·8	*264·2*	- 6·4	2	-15
313	Calgary	51 2	114 2	1058	892·5	1023·1	+ 3·3	269·3	280·8	15th	255·9	238·6	18th	262·6	*261·9*	- 1·2	14	0
314	Fort Chipewyan	58 43	111 9	218	991·7	1021·5	..	254·9	270·2	14th	246·5	233·6	18th	250·7	*250·8*	- 0·7	..	..
315	Prince Albert	53 10	105 38	437	963·9	1021·9	- 0·5	260·5	278·0	25th	248·6	232·4	19th	254·5	*254·5*	- 1·1	14	- 5
316	Qu'Appelle	50 30	103 47	651	938·7	1023·8	+ 0·6	260·8	274·1	27th	249·9	235·3	18th	255·3	*254·9*	- 1·1	15	-11
317	Minnedosa	50 15	99 50	515	953·9	1022·0	- 0·4	259·9	271·3	26th	248·6	236·3	12th	254·2	*253·7*	- 1·1	4	- 5
318	Berens River	52 18	97 23	216	..	..	..	256·0	273·6	26th	253·8	231·3	16th	254·9	..	+ 2·1	9	- 6
318a	Port Nelson	57 0	92 51	14·9	1014·4	1016·4	..	251·1	266·3	27th	242·0	226·3	21st	246·5	*246·5*	- 0·8	6	
319	Pagwa	50 3	85 18	189	..	..	..	263·4	274·7	27th,28th	251·8	233·0	16th	257·6	..	+ 1·8	13	-25
320	Moose Factory	51 14	80 30	9·1	1014·2	1015·5	..	260·6	270·8	5th,27th	246·5	229·7	17th	253·5	*253·3*	- 0·4	16	- 7
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	-15
324	Nateshquan	50 8	61 48	6·1	..	..	..	..	269·1	27th	..	232·4	20th	252·6	..	- 1·3	28	-48
								264·9	274·7	1st	254·3	244·1	21st	259·6	..	+ 1·2	10	
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-67°N. 20°-15°W.	††58 34	††17 53	§(15)						Sea Temp.	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7						282·1	+0·8	..	..	..	..	..	..	..
335	Aberdeen	57 10	W. 2 6	26·0	1009·3	1011·0	- 1·7	282·2	285·0	23rd	278·3	272·1	17th	280·3	280·5	+ 0·5	181	-52
336	Greenwich	51 28	0 0	46·3	1015·3	1018·6	+ 8·4	276·5	283·6	4th	273·2	266·4	14th	274·9	275·0	- 1·7	44	- 9
					..	1019·3	+ 3·4	276·3	284·7	1st,22nd	269·8	261·9	15th	273·1	272·9	- 4·3	10	-30
337	Uccle	50 48	E. 4 22	100	1007·1	1019·9	+ 3·3	274·5	282·7	22nd	265·4	255·3	14th	270·0	269·4	- 6·1	21	-30
338	De Bilt	52 6	5 11	3·0	1020·9	1021·3	+ 5·1	272·6	279·7	23rd,24th	262·8	254·1	14th	267·7	267·6	- 8·0	8	-36
338a	Hamburg	53 33	9 58	40·3	1020·3	1025·6	+10·0	268·1	275·2	23rd	260·8	251·9	11th	264·5	*264·2*	- 9·7	28	-19
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1027·1	1027·7	+14·0	269·3	275·0	28th	263·6	257·9	27th	266·7	*267·0*	- 5·4	20	-24
340	Potsdam	52 23	13 4	84·9	1014·2	1025·5	+ 9·4	266·6	274·5	23rd	257·6	246·2	11th	262·1	261·8	-11·7	10	-20
340a	Uppsala	59 51	17 38	24	1028·1	1031·2	+18·8	266·1	273·2	8th	258·6	249·3	27th	262·3	262·7	- 5·5	8	..
341	Warsaw	52 13	21 3	89·9	1014·8	1026·9	+ 8·9	263·3	271·8	23rd	254·7	239·7	10th	259·0	*259·1*	..	11	-15
342	Tartu (Ülikooli)	58 23	26 43	80·8	1020·3	1031·3	+17·2	261·1	271·8	2nd	253·6	243·0	6th	257·3	257·5	- 8·9	12	
343	Leningrad	59 56	30 16	4·8	1031·1	1031·7	+17·6	..	..	..	..	..	..	..	*256·5*	- 8·5	11	-12
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	1007·8	1030·3	+11·7	..	..	..	..	..	..	..	*253·5*	-10·4	11	-16
345	Saratov	51 32	46 2	127	1010·3	1027·7	+ 5·7	257·4	267·0	28th	249·7	236·0	8th	253·6	*254·1*	- 7·9	..	..
346	Kazan	55 47	49 8	79·2	1016·3	1027·7	+ 6·2	258·4	268·0	15th	249·5	238·1	9th	253·9	*253·9*	- 7·6	19	+ 1
347	Orenburg	51 45	55 6	109	1012·4	1027·5	+ 2·3	256·1	264·9	7th	246·6	236·3	22nd	251·4	*251·7*	- 7·3	10	+ 8
348	Perm	58 1	56 16	163	1003·4	1025·8	+ 5·0	258·3	266·4	16th	250·1	236·7	5th	254·2	*254·1*	- 5·6	10	- 1
349	Sverdlovsk	56 50	60 38	281	987·2	1025·3	+ 4·0	..	..	..	..	..	..	..	*252·6*	- 7·3	28	
350	Tobolsk	58 12	68 14	108	1011·9	1026·8	+ 4·3	..	..	..	249·0	232·4	2nd	..	*252·6*	- 4·3	15	+ 7
351	Akmolinsk	51 12	71 23	347	979·9	1026·8	- 2·6	..	..	..	247·0	233·0	1st	..	*252·2*	- 4·2	11	- 2
352	Omsk	55 1	73 19	108	1012·6	1027·7	+ 2·5	..	..	..	..	..	..	..	*249·6*	- 5·7	10	- 3
353	Barnaoul	53 20	83 47	158	1008·8	1031·2	+ 1·3	257·6	268·6	14th	244·5	231·3	1st	251·0	*251·2*	- 5·4	5	- 6
354	Tomsk	56 30	84 58	123	1013·9	1030·9	+ 4·0	255·9	266·9	14th	244·1	231·1	2nd	250·0	*249·9*	- 6·5	9	- 9
355	Minousinsk	53 43	91 41	249	1000·2	1035·5	+ 4·3	..	..	..	..	..	..	..	*244·0*	-11·0	13	0
356	Eniseisk	58 27	92 10	81·2	1021·9	1033·5	+ 7·0	..	..	..	..	..	..	..	*245·2*	- 9·6	5	-11
357	Irkutsk	52 16	104 19	467	971·6	1035·5	+ 3·8	..	..	..	..	..	..	..	*249·2*	- 5·5	4	- 5
358	Kirensk	57 47	108 7	278	996·7	1036·0	+ 6·4	..	..	..	..	..	..	..	*244·5*	- 6·0	2	+ 3
359	Tchita	52 2	113 30	685	937·2	1028·2	- 2·3	..	..	..	..	..	..	..	*250·8*	- 0·4	17	+ 3
360	Nertchinskii Zavod	51 19	119 37	621	946·2	1030·1	0·0	..	..	..	..	..	..	..	*247·7*	- 1·1	5	+ 3
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1004·0	1023·4	+ 0·5	..	..	..	..	..	..	..	*252·4*	- 2·5	12	+ 9
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1011·6	1017·4	+ 0·2	..	..	..	..	..	..	..	..	..	..	- 9
366	∮Okhotsk	59 21	143 17	5·5	1013·5	1014·3	- 2·1	..	..	..	..	..	..	..	*251·4*	- 1·3	3	+ 4
								..	..	..	..	..	..	..	*258·0*	+ 6·3	6	
368	∮Petropavlovsk (Phare)	52 53	158 43	87·1	987·0	998·0	- 6·6	..	..	..	..	..	..	..	*266·2*	+ 3·9	18	-38
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in *italics*.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

FEBRUARY - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1013·9	1022·7	+ 6·3	278·6	281·9	25th	273·7	268·6	2nd	276·1	*275·5*	- 1·6	26	-57
412	Portland, Oregon	45 32	122 41	46·6	1019·0	1024·7	+ 6·1	278·5	284·1	20th	271·6	264·1	9th	275·0	*275·1*	- 3·3	25	-115
413	Macleod	49 44	113 24	953	..	..	..	267·3	278·0	25th	254·9	234·1	18th	262·1	*262·1*	- 3·6	10	- 8
414	Helena	46 34	112 4	1253	872·7	1021·3	+ 0·1	268·9	277·4	15th	259·4	244·1	7th	264·1	*264·4*	- 3·7	25	+ 9
414a	Salt Lake City	40 46	111 54	1329	867·2	1019·3	- 1·0	274·1	283·0	2nd	266·7	256·9	9th	270·4	*270·6*	- 3·2	34	- 3
415	Cheyenne	41 8	104 48	1856	807·5	1018·3	- 1·9	270·3	281·3	1st	259·3	246·9	8th	264·8	*265·5*	- 5·1	22	+ 8
415a	North Platte	41 8	100 45	860	916·2	1020·0	- 1·1	271·6	283·6	4th	259·6	246·3	9th	265·6	*265·8*	- 4·0	11	- 2
417	Bismarck	46 47	100 38	510	956·5	1021·0	- 0·7	263·8	273·6	23rd	251·7	231·3	19th	257·8	*259·1*	- 2·5	8	- 4
418	Winnipeg	49 53	97 7	232	990·8	1022·0	..	260·1	271·9	27th	249·9	240·8	12th,18th	255·0	*254·7*	- 0·3	7	-12
418a	Duluth	46 47	92 6	345	976·1	1020·0	+ 1·4	263·9	274·1	26th	254·1	240·8	19th	259·0	*259·7*	- 2·4	9	-17
419	Port Arthur	48 27	89 12	196	994·4	1020·4	+ 1·3	263·8	273·6	27th,28th*	253·5	241·9	13th	258·7	*258·6*	- 0·5	9	- 9
420	Chicago	41 47	87 35	205	994·7	1020·3	+ 1·7	271·0	281·3	26th	263·4	254·1	1st	267·2	*266·9*	- 3·0	14	-39
421	Toronto	43 40	79 24	116	1005·3	1020·3	+ 2·1	270·7	278·6	26th	264·2	254·1	20th	267·4	*267·2*	+ 0·5	38	-22
422	New York (Central Park)	40 47	73 58	47·4	1013·3	1019·3	+ 1·6	277·1	286·3	18th	269·9	263·6	23rd	273·5	273·3	+ 0·9	129	+36
424	St. John, N.B.	45 17	66 4	36·3	1013·7	1018·4	..	271·3	278·0	7th	262·9	254·7	14th,21st	267·1	*266·6*	+ 0·5	69	-30
424a	S.W. Point, Anticosti / Sable Island (Main Station)	49 24	63 33	9·1	1015·1	1016·3	..	265·4	273·6	7th	259·6	251·3	13th	262·5	*262·8*	+ 0·2	13	-33
425	Port aux Basques	43 57	60 6	7·6	1015·8	1016·8	..	273·7	279·7	10th	268·5	264·1	21st	271·1	*270·9*	+ 0·1	80	-39
426	St. John's, Newfoundland	47 35	59 10	9·1	1013·4	1014·6	+ 3·3	..	275·2	8th	..	256·9	21st	..	..	..	81	- 8
		47 34	52 42	74·1	1002·4	1011·9	+ 3·1	..	..	..	..	..	..	267·2	..	- 0·5	59	-67
435	Madrid	40 24	3 41	667	938·6	1017·3	- 2·5	283·8	288·1	2nd	275·8	271·4	6th,7th	279·8	*279·1*	+ 0·7	64	+19
436	Nantes	47 15	W. 1 34	36·5	1011·1	1015·7	- 2·4	279·4	288·2	24th	272·5	259·0	14th	276·0	275·3	- 3·1	52	- 6
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1012·6	1019·0	+ 1·1	275·8	284·3	23rd	267·3	258·2	13th	271·5	271·4	- 5·7	24	- 9
438	Marseille	43 18	5 23	75	..	1013·3	- 3·3	282·3	291·2	25th	272·2	258·7	13th	277·3	*276·6*	- 4·3	4	-33
438a	Zürich	47 23	8 33	493	959·0	1021·2	+ 1·0	271·9	283·0	24th	261·7	248·8	12th	266·8	266·3	- 7·5	19	-36
439	Rome	41 54	12 29	45·5	1005·9	1011·2	- 5·0	281·8	288·6	25th	272·9	267·6	3rd	277·3	*277·0*	- 4·2	87	+19
440	Vienna	48 15	16 22	203	996·8	1023·3	+ 4·4	266·7	275·6	5th	259·3	247·2	11th	263·0	263·1	-10·4	27	- 6
440a	Budapest	47 31	19 1	130	1004·5	1021·5	+ 2·3	269·0	277·8	26th	261·9	249·6	11th	265·5	265·2	- 8·3	47	+17
441	Sofia	42 42	23 20	550	951·0	1020·3	0·0	270·4	278·8	28th	261·3	253·5	2nd	265·9	*265·4*	- 7·8	..	..
442	Bucharest	44 25	26 6	82	1011·7	1022·5	+ 2·7	267·3	277·3	27th	259·7	248·8	10th	263·5	263·2	- 9·0	19	- 9
443	Odessa (Observatory)	46 26	30 46	42·8	1017·3	1023·0	+ 3·3	264·2	273·6	27th	257·4	245·0	10th	260·8	*260·6*	-10·7	1	-20
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1012·2	1017·0	- 1·2	..	..	..	..	..	..	..	*267·1*	- 9·0	11	-57
445	Tiflis	41 43	44 48	404	969·2	1019·4	- 2·2	274·7	283·5	13th	268·1	260·8	11th	271·4	271·5	- 4·0	36	+17
446	Astrakhan	46 21	48 2	-20	1027·8	1025·2	+ 2·3	261·4	273·9	28th	251·3	241·2	18th	256·4	*256·6*	-11·3	22	+13
446a	Fort Alexandrovsk	44 31	50 7	-23·0	1026·2	1023·3	+ 1·2	..	..	..	..	..	..	..	..	..	..	..
	Krasnovodsk	40 0	52 59	-4·6	1019·4	1018·8	- 2·1	..	..	..	..	..	..	..	*263·2*	- 7·1	5	- 2
447	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*272·9*	- 4·2	13	0
447a	Tashkent	41 20	69 18	479	962·6	1021·5	- 3·0	277·4	295·6	25th	268·3	257·6	1st	272·9	*256·9*	- 5·4	12	+ 4
447b	Naryn-skoe	41 26	76 13	2015	793·2	..	- 2·7	..	..	..	250·7	235·0	2nd	..	*256·4*	- 2·6	14	+ 4
447c	Andijan	40 47	72 23	503	961·9	1024·4	..	..	..	..	268·1	254·4	1st	..	*271·3*	..	64	+36
448	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Moukden	41 48	123 23	43·8	1018·8	1024·6	- 0·8	270·5	283·7	20th	258·1	246·9	1st	264·3	264·1	+ 0·3	9	+ 2
462	Joshin	40 40	129 12	31·9	1016·4	1020·5	- 0·2	272·1	278·1	27th	263·5	254·0	10th	267·8	268·1	- 0·6	14	- 1
464	Tuki	42 20	130 24	63·8	1012·6	1020·9	- 0·2	269·2	278·9	21st	261·6	254·3	1st	265·4	265·5	- 0·9	0	- 9
465	Vladivostok	43 7	131 54	128	1003·6	1020·6	- 1·2	..	..	..	..	..	..	..	*260·7*	- 2·3	24	+15
466	Ochiai	47 20	142 47	27·4	1010·2	1013·8	0·0	265·4	276·1	28th	255·0	244·0	16th	260·2	*260·4*	+ 0·9	32	+ 2
466a	Nemuro	43 20	145 35	26·7	1006·5	1010·0	- 2·7	269·5	274·4	7th,28th	261·5	255·3	21st	265·5	265·8	- 1·7	29	+ 4
	Syena	45 14	147 53	39·3	1003·9	1009·0	- 2·4	267·7	273·6	3rd	261·9	253·9	17th	264·8	264·8	- 1·2	34	-20
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

BETWEEN LATITUDE 40° N. AND 30° N.

FEBRUARY - ZONE 5 (AMERICA).

451	San Francisco	37 48	122 26	47·2	1014·0	1019·6	+ 0·6	287·8	295·2	28th	280·2	274·7	7th	284·0	*283·6*	+ 0·2	54	-38
452	Sacramento	38 35	121 30	21·0	1016·8	1019·3	+ 0·5	288·2	296·3	28th	276·7	270·8	8th	282·4	*283·0*	- 0·7	37	-35
453	San Diego	32 43	117 10	26·5	1014·9	1018·3	+ 0·3	289·0	295·2	22nd	280·5	276·3	9th	284·8	*284·5*	- 0·9	29	-18
454	Modena	37 48	113 54	1668	831·4	1017·3	- 1·9	275·5	284·1	22nd	261·3	241·9	9th	268·4	*269·0*	- 3·8	15	-11
454a	Santa Fé	35 41	105 57	2138	781·8	1014·5	- 2·9	275·9	282·4	23rd	264·7	253·6	9th	270·3	*270·4*	- 2·8	25	+ 3
455	Denver	39 45	105 0	1613	833·3	1017·9	- 1·4	274·2	284·7	3rd	262·4	250·2	8th	268·3	*269·2*	- 4·5	20	+ 7
456	Abilene	32 23	99 40	530	955·4	1018·3	- 1·0	282·4	298·0	17th	271·4	260·8	9th	276·9	*276·4*	- 4·2	36	+13
457	Saint Louis	38 38	90 12	173	999·3	1020·6	+ 0·7	275·7	287·4	24th	266·7	257·4	9th	271·2	*270·9*	- 2·7	22	-43
458	Mobile	30 41	88 2	17·4	1015·7	1017·9	- 2·0	288·8	296·9	19th	279·3	271·3	12th	284·1	*284·1*	- 0·8	232	+99
459	Nashville	36 10	86 47	166	1000·3	1020·6	+ 0·2	279·2	293·0	25th	270·7	261·9	23rd	274·9	*275·2*	- 3·0	97	- 9
460	Charleston	32 47	79 56	14·6	1017·0	1018·6	- 1·2	287·3	295·2	26th	279·9	272·4	2nd	283·6	*284·1*	- 0·1	123	+39
461	Washington	38 54	77 3	34·1	1015·9	1020·0	+ 0·7	279·5	290·8	19th	269·9	264·7	2nd	274·7	*274·4*	+ 0·2	81	0
462	Bermuda	32 17	64 46	46·0	1015·1	1020·6	..	..	296·3	28th	..	279·7	3rd	..	..	..	61	-58
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1011·4	1016·0	- 4·7	289·4	291·9	6th	284·1	280·1	26th	286·7	286·6	+ 0·1	229	+55
531	Horta	38 32	28 38	65	1009·1	1016·9	- 4·2	288·6	290·9	2nd	284·5	280·4	23rd	286·6	286·7	- 0·5	139	+43
532	Ponta Delgada	37 44	25 40	22	1015·2	1017·8	- 2·6	289·1	291·7	4th	286·1	281·8	23rd	287·6	287·7	+ 0·3	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	158	+53
533	Madeira (Funchal)	32 38	16 55	25	1017·7	1020·7	- 0·1	291·6	294·2	28th	287·9	284·0	23rd	289·8	289·5	+ 1·4	3	-88
535	Lisbon	38 43	9 9	95	1005·7	1016·2	- 3·4	287·8	291·0	21st	282·3	276·5	8th	285·0	284·9	+ 0·7	66	-23
535a	Melilla	35 17	2 59	40	1013·2	1018·0	..	289·8	295·9	3rd	284·9	279·5	7th	287·3	287·1	+ 2·5	37	-48
536	Gibralter	36 6	5 21	16·2	..	1017·7	- 2·3	289·4	293·6	20th	283·9	280·8	8th	286·6	286·7	+ 0·4	118	+ 3
536a	Colomb-Béchar	31 37	W. 2 13	769	926·9	1015·2	..	..	..	..	274·1	271·0	7,17,19	..	283·5	..	0	- 6
537	Palma	39 34	E. 2 39	23	1011·9	1014·7	- 4·0	287·5	293·0	26th	277·0	273·0	15th	282·3	281·6	- 2·1	50	+15
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	0	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	..	- 4
539	Tunis	36 48	10 10	75	1004·7	1013·9	..	..	..	..	..	..	..	..	..	..	3	+ 3
540	Malta	35 54	14 31	71·2	..	1010·7	- 5·1	284·8	289·9	27th	278·1	273·4	4th	281·5	281·2	- 2·6	54	+30
541	Athens	37 58	23 43	107	999·7	1012·9	- 4·2	285·2	288·0	25th,27th	280·5	276·9	3,4,15	282·8	282·3	- 3·1	86	- 4
542	Alexandria	31 12	29 53	32·0	1009·0	1012·7	- 4·2	281·8	288·4	26th	276·1	268·0	4th	279·0	278·9	- 3·2	35	+ 5
								291·0	298·4	27th	282·4	280·6	6th	286·7	286·2	- 1·3	28	
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1009·8	- 5·3	286·2	290·2	18th	277·2	272·4	7th	281·7	..	- 1·4	146	+64
544	Beirut	33 54	35 28	33·7	..	1011·7	- 4·7	288·3	295·1	28th	282·4	274·6	6th	285·4	286·2	- 0·4	381	+230
545	Hinaidi	33 17	44 29	32·3	1010·6	1014·5	- 4·8	290·8	296·3	23rd	278·1	272·4	12th	284·4	284·5	+ 0·3	14	-15
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	♯Tehran	35 41	51 25	1220	867·6	1006·1	..	282·4	288·2	19th	272·5	266·4	1st	277·4	277·3	- 0·5	38	+36
548	Meshed	36 17	59 38	946	..	..	..	278·8	286·4	24th	269·8	261·1	1st	274·3	..	- 1·5	61	
549	Seistan	31 0	61 30	?610	959·1	..	..	292·0	301·9	25th	277·8	266·7	1st	284·9	..	+ 1·7	12	+ 1
550	Quetta	30 12	67 0	1647	835·9	..	- 0·6	284·7	295·8	26th	274·2	263·3	1st	279·5	279·4	+ 0·9	80	+33
551	Peshawar	34 2	71 37	339	‡ 977·1	1019·6	+ 0·4	290·2	297·4	28th	278·9	272·6	1st	284·5	283·9	- 0·8	17	-18
551a	Lahore	31 34	74 20	214	991·5	1017·4	+ 0·6	293·9	301·7	27th	280·1	272·5	2nd	287·0	287·1	+ 0·1	4	-20
552	Simla	31 7	77 8	2202	780·7	..	+ 0·5	281·9	290·3	26th	274·9	266·7	1st	278·4	278·3	- 0·3	18	-62
552	Leh	34 10	77 42	3503	663·6	..	- 0·1	274·7	286·1	27th	260·9	252·4	5th	267·8	266·8	+ 0·7	4	- 4
559	Hankow	30 35	114 17	37·0	1020·6	1025·2	- 0·4	282·8	292·4	22nd	274·8	266·6	4th	278·8	278·5	- 0·1	15	-32
560	Tientsin	39 9	117 9	6·4	1025·4	1026·2	- 0·4	276·3	285·5	16th	266·0	258·3	2nd	271·1	271·0	- 0·3	0	- 3
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1024·0	1024·9	- 0·1	281·7	290·2	17th	273·5	266·3	3rd	277·6	276·7	- 0·4	18	-42
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1014·6	1023·7	+ 0·7	274·5	288·0	28th	266·3	258·3	2nd	270·4	269·9	- 1·3	7	-10
562a	Nagasaki	32 44	129 52	133	1004·9	1021·4	+ 0·7	281·5	289·1	28th	274·3	268·7	11th	277·9	277·4	- 1·5	81	- 7
563	Kyoto	35 1	135 44	42·9	1013·7	1019·1	+ 0·4	281·7	290·1	22nd	270·3	264·2	11th	276·0	275·2	- 0·8	16	-46
564	Tokyo	35 41	139 46	5·8	1014·0	1014·7	- 1·4	281·8	293·9	23rd	270·2	266·0	14th	276·0	275·9	- 0·9	3	-68
565	Hukusima	37 45	140 28	68·5	1006·1	1014·7	- 1·5	278·0	285·5	22nd,23rd	269·0	263·8	12th	273·5	273·0	- 0·9	25	-99
566	Miyako	39 38	141 59	30·4	1008·1	1012·0	- 2·9	278·0	284·1	23rd	267·3	260·5	10th	272·7	271·6	- 1·1	50	-17
		N.	E.															

BETWEEN LATITUDE 30° N. AND 20° N.

601	Midway Island	28 13	177 22	5·8	1014·0	1014·5	- 1·2	294·8	297·4	1st	287·9	283·0	10th	291·3	290·8	+ 0·2	182	+93
605	Honolulu	21 19	157 52	11·6	1014·7	1016·2	- 0·5	297·7	299·7	26th	292·4	289·1	11th	295·0	294·8	+ 0·4	62	-36
613	Guaymas	27 55	110 53	8·3	1014·7	1015·7	..	295·7	300·5	22nd	286·2	282·0	17th	290·9	290·7	- 1·6	0	..
615	Leon	21 7	101 41	1809	819·9	1010·3	- 1·9	299·3	304·5	21st	280·0	277·3	4th	289·7	289·2	+ 0·5	0	- 8
616	Monterry	25 40	100 18	528	953·1	1014·4	- 2·0	293·6	306·7	19th	281·5	271·9	10th	287·5	287·1	- 2·1	13	- 7
617	Tulancingo	20 5	98 22	2181	788·3	..	- 1·9	298·5	303·6	20th	278·7	272·0	11th	288·6	287·5	+ 1·6	0	-11
618	Galveston	29 18	94 50	16·5	1015·5	1017·6	- 1·6	286·8	294·1	25th	280·3	270·2	10th	283·6	283·4	- 2·6	69	- 2
618a	New Orleans	29 57	90 4	16·2	1015·7	1017·6	- 1·4	289·7	299·7	19th	280·6	273·0	12th	285·1	284·7	- 1·9	159	+54
619	Mérida, Yucatan	20 58	89 38	22	1011·1	1013·6	- 3·4	304·6	308·2	28th	293·2	290·0	2nd	299·0	298·0	+ 2·5	0	-20
620	Havana	23 7	82 25	77·0	1006·9	1015·8	- 2·5	300·9	304·0	25th	292·3	288·2	1st	296·6	296·1	..	34	..
620a	Key West	24 33	81 48	6·7	1016·1	1016·6	- 1·8	299·0	302·4	22nd	293·7	289·7	2nd	296·3	295·7	+ 1·9	31	- 7
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·8	- 0·8	300·1	302·4	11,22,26	291·9	285·8	1st	296·0	295·9	+ 0·8	8	-33
622	Watling Island	24 6	74 26	33·5	1015·3	1019·2	+ 0·2	..	300·2	8,18,21	..	294·1	12th	..	297·3	+ 0·4	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	299·6	306·0	27th	287·4	285·0	8th	293·5	291·6	..	..	-80
634m	Izaña	28 19	16 30	2367	769·6	..	+ 2·9	281·5	287·2	2nd	274·7	268·3	13th	278·1	277·9	+ 2·4	26	-32
634	La Laguna	28 28	16 20	547	956·0	1019·9	0·0	290·3	297·8	28th	282·3	279·2	1st	286·3	285·7	+ 0·8	51	..
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	292·2	295·1	25th	281·1	278·8	10th	286·7	..	..	0	0
642	Siwa	29 12	25 29	-23	1015·9	1013·1	- 5·2	293·8	302·6	6th	278·2	274·5	5th	286·0	284·8	+ 0·1	0	- 4
643	Cairo (Helwan)	29 52	31 20	116	1000·0	1014·0	- 3·5	292·5	300·1	27th	280·6	276·5	5th	286·6	286·2	- 0·8	0	..
643a	Aswan	24 2	32 53	100	1002·8	1014·6	- 1·9	299·0	304·0	7th	283·0	278·6	1st	291·0	290·0	- 0·1	..	..
644	Tor	28 14	33 37	1·9	1013·4	1013·5	- 2·4	294·5	299·7	7th	281·6	278·5	12th	288·0	287·8	- 0·4	0	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1014·7	1015·2	..	292·8	298·6	18th	284·7	281·3	3rd	288·7	288·4	+ 0·7	146	+98
648	Jask	25 45	57 45	4·0	1014·4	1014·7	..	297·0	300·1	23rd	290·7	287·6	2nd	293·9	293·6	+ 0·7	80	+58
649	Karachi	24 53	66 57	4·0	1016·2	1016·7	+ 0·3	296·9	300·8	24th	286·2	279·6	1st	292·6	292·3	- 1·2	0	-10
650	Jacobabad	28 17	68 29	56·7	1010·9	1017·8	+ 1·4	297·7	305·5	28th	282·2	272·1	1st	289·9	289·5	- 0·3	3	- 5
651	Jaipur	26 56	75 52	436	966·9	1017·9	+ 0·9	298·1	306·8	27th,28th	282·5	271·7	2nd	290·3	290·1	- 0·8	9	+ 2
652	Nagpur	21 8	79 5	310	980·0	1015·8	+ 0·5	302·1	308·4	28th	287·3	279·0	2nd	294·7	294·5	- 1·6	40	+25
652a	Allahabad	25 25	81 51	94·2	1004·7	1016·0	+ 0·2	298·4	306·1	24th,28th	283·6	276·7	2nd	291·0	290·4	- 0·7	3	-12
654	Darjeeling	27 3	88 15	2265	775·9	..	+ 0·5	282·3	286·1	27th	275·7	273·4	5th	279·0	278·9	+ 0·5	27	- 1
	Calcutta	22 32	88 20	6·4	1014·1	1014·8	- 0·1	301·1	305·3	28th	288·5	283·6	4th	294·8	294·6	+ 0·3	16	-12
655	Gauhati	26 8	91 41	59·7	1009·1	1016·2	0·0	298·8	302·4	28th	283·8	280·8	6th,7th	291·3	290·4	- 0·3	0	-31
655a	Cherrapunji	25 15	91 42	1313	869·7	..	- 0·3	290·1	293·2	25th	281·6	277·2	5th	285·8	285·1	+ 0·1	2	-67
656	Akyab	20 11	92 56	6·1	1012·4	1013·1	- 1·1	302·6	305·3	20th	287·3	283·3	8th	294·9	294·7	- 0·8	0	- 4
656a	Mandalay	21 59	96 0	76·2	1004·7	1013·6	- 0·7	305·2	307·9	26th	287·5	284·8	23rd	296·3	295·6	- 0·6	0	- 2
657	Tengyueh	25 2	98 33	1626	836·1	1014·1	..	290·8	294·1	27th	274·3	271·3	21st	282·5	281·9	- 0·1	39	+ 1
658	♯Mu Lien	20 48	106 38	116	..	1016·7	0·0	291·4	298·3	26th	287·4	281·2	4th	289·4	289·1	- 0·5	135	+94
659	♯Moncay	21 31	107 51	9·0	..	1017·1	- 0·2	290·3	298·7	23rd	286·2	280·2	3rd	288·5	287·8	- 0·6	166	+100
660	Hongkong	22 18	114 10	33·2	..	1018·1	- 0·5	290·3	297·4	24th	286·1	281·3	2nd	288·2	287·9	0·0	15	-31
661	Amoy	24 26	118 4	4·9	1020·6	1021·2	- 0·1	288·9	294·7	21st	284·8	280·8	4th	286·9	287·0	+ 0·7	48	-29
661	Taihoku, Formosa	25 2	121 31	9·3	1018·6	1019·7	- 0·3	291·8	301·4	28th	285·8	281·6	3rd	288·8	288·3	+ 0·5	80	-52
662	Basco	20 28	121 59	18·7	..	1014·6	- 0·4	298·0	301·4	23rd	293·4	290·3	12th	295·7	295·4	- 0·1	120	+ 2
663	Naha	26 12	127 39	29·5	1015·0	1018·5	- 0·2	291·0	295·8	27th	286·2	283·0	13th	288·6	288·7	- 0·3	105	-35
664	Titizima (Bonin Islands)	27 5	142 11	4·1	1016·0	1016·5	- 0·3	292·4	295·8	18th	286·1	281·0	9th	289·3	289·2	- 1·2	30	-54
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

716	Colima	19 12	103 45	498	957·2	1013·6	+ 0·7	304·5	307·0	24th	286·6	283·3	8th	295·5	294·0	- 1·7	0	- 1
716	Morelia	19 42	101 7	1923	808·5	1009·6	- 2·6	296·2	299·1	21st	280·7	278·1	7th	288·5	288·5	+ 0·3	0	- 6
717	Mexico, Tacubaya	19 24	99 12	2309	773·2	..	- 1·7	298·8	302·2	20th	278·0	275·7	1st	288·4	287·7	+ 1·2	0	- 8
718	Salina Cruz	16 12	95 12	56	1004·6	1011·1	- 2·5	301·4	304·3	24th	294·3	291·2	18th	297·9	297·8	+ 0·2	0	- 7
719	San Salvador	13 42	89 13	682	936·3	1011·9	- 1·5	307·6	309·8	17th,23rd	288·2	286·0	9th	297·9	295·7	+ 0·2	0	- 7
720	Belize	17 31	88 11	5·2	1012·8	1013·4	- 2·4	..	..	..	295·2	290·2	4th	..	‡297·1	+ 0·3	82	+20
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·0	- 0·5	303·7	306·1	3rd	293·4	290·3	10th	298·5	298·1	+ 0·9	7	-40
722	Port au Prince	18 33	72 20	37·4	1011·3	1015·8	- 0·6	304·1	306·3	28th	292·9	291·0	7th,8th	298·5	298·1	+ 0·2	58	- 6
724	♯Caracas	10 30	66 56	1043	899·3	1014·7	..	297·3	300·0	4th	285·0	281·9	5th	291·4	290·2	- 1·1	2	- 7
724a	San Juan, Porto Rico	18 29	66 7	25·0	1013·5	1016·6	- 0·7	300·0	302·4	5th	293·7	291·9	5th	296·9	296·7	+ 0·1	33	-31
725	Granada (Richmond Hill)	12 5	61 46	188	991·5	1013·2	- 0·9	302·1	303·0	2,9,12	294·7	293·6	12th	298·4	298·0	+ 0·3	65	- 6
	Barbados	13 8	59 36	57·9	..	1014·7	- 0·3	301·5	302·6	20th	293·3	292·4	23rd	297·7	297·5	- 0·1	32	-22
726	São Vicente, C. Verde Is.	16 54	25 4	11	1013·4	1014·7	- 0·5	297·4	299·5	1,5,9	292·9	292·0	9th,10th	295·1	294·9	+ 0·6	0	- 5
727	San Tiago, C. Verde Is.	14 54	23 31	34	1008·3	1012·2	- 2·8	299·3	303·0	2nd	293·3	291·3	5th	296·3	296·4	+ 1·1	0	- 2
728	♯Dakar	14 40	17 26	32	..	1011·4	..	302·1	311·0	27th	291·4	290·0	24th,25th	296·7	294·3	+ 1·8	0	- 1
729	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·4	306·9	9th,27th	291·4	289·7	7th	296·4	296·0	- 0·5	0	..
730	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
730	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	304·7	311·0	27th	286·9	283·0	10th	295·8	295·6	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	310·0	312·4	13th,20th	290·9	285·8	3rd	300·5	300·3	+ 1·1	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	306·7	308·6	13th,14th	290·4	286·3	2nd,3rd	298·5	298·4	+ 0·1	0	- 1
740	Hadeija	12 40	10 5	?	..	..	..	308·9	312·4	14th,15th	286·9	281·9	2nd,3rd	297·9	297·7	+ 0·1	0	0
741	Maiduguri	11 47	13 11	361	..	..	..	308·7	313·8	14th,15th	289·1	284·1	4th	298·9	298·8	+ 0·2	0	0
743	♯El Fasher	13 32	25 18	730	926·3	1008·0	..	308·8	313·0	18th	..	..	..	..	‡294·4	..	0	0
744	El Obeid	13 11	30 14	563	945·8	1008·4	- 2·1	307·3	312·5	18th	288·2	282·9	2nd	297·8	296·6	+ 2·3	0	0
745	Khartoum	15 37	32 33	390	965·0	1008·7	- 2·6	307·1	315·5	17th	290·7	285·7	4th	298·9	299·0	+ 2·1	0	0
746	Port Sudan	19 37	37 13	5·5	1012·2	1012·8	- 1·0	301·0	304·2	19th	292·4	287·0	8th	296·7	296·4	+ 0·6	1	- 3
746	♯Berbera, Somaliland	10 22	45 2	13·3	1010·2	1011·8	- 2·4	301·8	302·4	sev.dates	295·9	293·0	1st	298·9	298·8	+ 0·7	0	- 5
	Aden	12 45	45 3	29·3	1010·0	1013·5	- 2·0	301·7	303·4	28th	296·8	294·7	1st	299·2	298·6	+ 1·1	0	- 5
751	Bombay	18 54	72 49	11·3	1011·8	1013·2	- 1·3	301·7	308·8	26th	292·6	284·8	1st	297·2	296·3	- 0·1	0	- 2
752	Kodaikanal	10 14	77 28	2343	771·9	..	- 0·3	290·9	292·8	26th	281·8	280·1	1st	286·3	286·1	- 0·1	29	- 7
753	Bangalore	12 59	77 38	921	912·2	1013·3	- 0·3	303·1	306·5	25th	290·1	287·9	17th	296·6	296·3	+ 1·1	28	+24
754	Madras	13 4	80 14	6·7	1012·3	1013·0	- 1·4	302·4	303·5	28th	293·3	291·2	24th	298·2	297·7	- 0·1	163	+155
	Vizagapatam	17 42	83 19	11·6	1012·9	1014·3	- 0·3	300·9	303·6	25th	294·3	292·6	22nd	297·6	297·1	- 0·7	32	+11
756	Port Blair	11 40	92 40	18·0	1009·7	1011·7	- 1·5	302·4	304·0	27th	296·7	293·7	1st	299·6	299·1	- 0·6	118	+96
757	Rangoon	16 46	95 48	5·5	1011·5	1012·2	- 1·4	307·8	309·7	16th	293·1	291·4	2nd,20th	300·4	299·2	+ 1·1	0	- 6
758	Cap St. Jacques	10 20	107 5	180	..	1011·4	..	300·1	303·5	13th	296·0	294·2	4th	298·1	297·7	- 0·2	0	- 1
759	Nhatrang	12 15	109 12	3·6	..	1012·8	..	301·9	303·2	15th	294·5	292·8	12th	298·2	297·7	+ 0·5	2	-24
760	♯Bolinao	16 23	119 53	2	..	1011·4	+ 0·1	303·4	306·0	19th,23rd	294·8	290·7	6th	299·1	298·6	- 0·2	1	- 8
761	Vigan	17 34	120 23	12·2	..	1011·4	- 0·6	303·0	305·2	25th	294·5	292·0	1st	298·7	298·2	- 0·5	0	- 6
761a	Manila	14 35	120 59	14·2	..	1011·9	- 0·4	304·9	308·0	20th	293·3	291·4	5th,6th	299·3	298·6	+ 0·3	0	-11
762	Ormoc	11 0	124 36	5·6	..	1009·9	- 0·4	304·5	305·9	13th	294·3	289·7	2nd	299·4	299·0	+ 0·6	54	-66
763	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·5	- 0·6	302·1	303·5	26th	296·3	294·3	6th	299·5	299·7	+ 0·4	64	- 3
766	Saipan	15 14	145 46	207	988·2	1008·5	..	299·1	300·5	15th	294·6	293·3	27th	296·9	296·5	..	97	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

FEBRUARY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·8	1010·4	- 0·2	303·4	304·7	sev.dates	..	..	..	..	*300·8	0·0	104	-157
821	Cristobal	9 23	79 54	11·0	..	1011·1	- 1·2	303·4	304·1	28th	297·6	294·1	8th	300·5	299·9	+ 0·9	14	-27
822	Bogota	4 36	74 5	2645	745·9	..	+ 0·2	293·5	295·8	25th	282·2	278·7	19th	287·9	*297·1	+ 0·2	4	-56
822a	Merida, Venezuela	8 36	71 9	1641	‡ 840·7	..	..	296·8	299·0	16th	286·9	285·4	10th,20th	291·9	290·9	0·0	5	-34
823	Ciudad Bolivar	8 9	63 33	36	1007·5	1011·8	..	304·2	305·6	18th	295·0	293·5	18th	299·6	*299·0	- 0·3	3	- 2
824	El Peru, Guayanavieja	7 19	61 49	220	986·1	1011·1	- 0·1	302·4	304·1	15th	293·7	292·4	12th	298·1	*297·5	+ 0·8	6	-63
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·2	- 1·1	301·6	302·2	7th,12th	296·7	294·7	10th,17th	299·1	*299·1	0·0	142	+27
826	Paramaribo	5 49	55 9	3·7	1012·1	1012·4	- 0·8	303·3	304·5	8,11,18	294·5	291·4	10th	298·9	*298·4	+ 0·3	51	-118
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	133	-179
831	10°-5°N. 30°-25°W.	††7 5	††27 6	§(75-90)	..	1012·7	+ 0·4	..	..	Sea Temp.	..	..	..	..	298·2	0·0	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	298·3	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·3	1011·2	+ 0·4	304·2	306·3	8th	296·3	294·1	2nd,5th	300·2	*299·6	- 0·7	0	- 8
835	Assuantsi	5 18	1 15	97·3	997·5	1008·6	..	304·2	305·3	21st	294·3	293·0	2nd,25th	299·3	*298·6	- 0·2	27	-40
836	Accra	5 33	W. 0 12	16·0	1007·1	1008·9	- 0·7	303·4	304·7	13th,24th	297·2	295·2	4th,14th	300·3	*299·9	0·0	27	- 2
837	Lagos	6 27	E. 3 24	3·0	1010·6	1010·9	+ 1·2	304·1	304·9	27th	298·2	295·2	2,3,20	301·2	*300·6	+ 0·1	37	-11
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	305·7	309·7	..	..	..	..	..	..	..	16	-62
839	∮Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	0	- 2
841	Wau	7 42	28 3	440	960·2	1009·1	+ 0·7	309·9	312·4	16th	295·1	291·3	5th	302·5	*302·4	+ 0·6	11	+ 5
843	Malakal (Kodok)	9 35	31 37	394	962·6	1005·8	- 2·1	311·1	314·0	17th	294·4	290·9	1st	302·8	*301·2	+ 1·4	0	0
843a	Mongalla	5 11	31 47	448	956·3	1005·6	- 2·0	311·6	314·4	16th	295·3	292·6	1st,4th	303·4	*302·1	+ 1·2	0	- 9
844	Entebbe	0 5	32 29	1171	881·9	1006·7	- 1·2	301·1	302·4	14,18,22	290·3	289·7	11,20,22	295·3	*296·5	+ 2·0	10	-74
845	Sheikh	9 55	45 15	1463	..	..	..	296·6	299·1	sev.dates	293·2	279·1	8th,9th	289·9	..	..	20	-17
851	Minicoy	8 17	72 49	2·7	..	..	..	303·4	304·9	28th	297·1	296·4	4th	300·3	*299·8	..	0	
851a	Cochin	9 58	76 21	2·7	1012·3	1012·6	- 0·5	303·2	304·9	25th	297·3	295·3	3rd,7th	300·3	*299·8	- 0·5	67	+53
852	Colombo Observatory	6 54	79 52	7·3	..	1010·7	0·0	303·2	305·8	22nd	295·1	292·4	24th	299·1	*298·6	- 0·1	73	+63
853	Nuwara Eliya	6 58	80 46	1881	814·7	1014·9	+ 1·6	293·8	296·7	24th	278·8	271·2	24th	286·3	*285·3	- 0·3	45	- 4
854	Trincomalee	8 35	81 15	30·2	..	1011·0	- 0·3	301·0	301·8	5th	297·3	294·2	25th	299·1	*298·6	+ 0·1	64	-14
855	Kuta Raja	5 32	95 20	7·1	..	1009·1	- 1·6	..	..	..	..	..	..	..	..	..	40	
856	Medan	3 35	98 41	25·1	..	..	..	..	..	..	..	..	..	..	..	..	204	+112
857	Penang	5 34	100 20	5·0	..	1009·3	- 1·3	303·7	305·9	4th	295·5	293·7	27th	299·3	298·9	+ 0·5	56	-35
858	Singapore	1 18	103 51	10·9	..	..	..	306·2	308·0	6th	296·8	293·6	25th,28th	301·5	*300·9	+ 0·8	181	+106
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	..	..	..	303·4	304·8	13th	295·8	294·7	4th	299·6	*299·1	- 0·2	149	-19
859	Sandakan	5 50	118 7	31·7	998·9	1009·3	- 1·1	302·8	305·2	10th	295·4	293·6	2nd	299·0	298·0	..	135	..
860	∮Iwahig	9 44	118 38	14·3	..	..	..	302·3	303·6	8th	296·4	295·8	sev.dates	299·4	*299·9	- 0·4	409	+129
861	Tagbilaran	9 38	123 51	21·3	..	1009·7	- 0·6	303·9	304·7	7th	294·2	291·8	4th	298·7	*298·8	+ 0·1	13	-39
861a	Menado	1 30	124 50	8·5	..	1009·2	- 0·6	303·9	305·4	7th,9th	295·1	292·5	3rd	299·5	298·5	- 0·2	80	- 2
862	Surigao	9 48	125 29	6	..	1010·6	+ 0·1	302·7	304·2	19th	295·6	294·5	26th	299·1	298·6	- 0·1	353	- 4
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·9	+ 0·7	301·8	303·6	24th	295·8	294·2	2nd	298·8	298·4	- 0·1	379	+18
864	Palau	7 20	134 29	31·8	1005·9	1009·5	..	302·2	303·4	10th	297·2	296·0	16th	299·7	299·0	- 0·4	147	0
867	Ponape	6 58	158 13	38·9	1004·1	1008·5	..	302·4	303·8	10th	296·9	294·4	4th	299·7	299·3	..	251	..
		N.	E.					302·4	303·7	8th	297·7	295·8	27th	300·1	299·7	..	255	..

FEBRUARY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

		S. °	W. ′															
902	Atafu	8 32	172 31	1·8	..	1008·9	..	303·3	305·7	28th	299·8	298·4	27th	301·5	..	..	106	..
920	Lambayeque	6 46	80 55	15	..	..	..	305·2	308·0	25th	293·5	290·8	7th	299·3	298·3	..	3	- 5
921	Quito	0 14	78 30	2816	727·0	..	- 0·9	293·0	296·8	25th	281·5	278·6	20th	287·3	285·9	+ 0·1	123	+97
924	Manaos	3 8	60 1	43·9	..	..	..	303·0	308·2	7th	295·5	294·4	27th	299·2	*298·9	0·0	328	
926	Taperinha	2 30	54 20	21·0	1008·0	1010·8	- 0·8	303·5	305·6	9th	295·9	294·4	28th	299·7	*298·8	+ 0·8	209	-65
927	Turyassu	1 43	45 26	9·1	1008·8	1010·0	- 0·9	303·1	305·8	28th	294·6	293·0	9th	298·8	*298·3	- 0·4	323	+ 5
928	Barra do Corda	5 30	45 16	81·0	999·1	1008·5	- 1·5	303·2	305·4	13th,14th	294·9	293·9	13th	299·0	*298·2	+ 0·2	279	+82
929	Quixeramobim	5 16	39 15	207	987·5	1010·7	- 0·5	303·4	306·6	2nd	297·5	295·8	27th,28th	300·4	*300·3	- 0·2	153	+24
930	Fernando Noronha	3 50	32 25	106	998·4	1010·3	- 1·4	301·2	303·0	2nd,3rd	297·6	295·8	19th	299·4	*299·1	+ 0·2	255	+144
934	∮Ascension Island	7 56	W. 14 25	16·8	1010·0	1011·8	- 1·5	303·1	304·7	26th	297·1	295·8	2nd,5th	300·1	*299·3	+ 0·1	28	+16
939	Loanda	8 49	E. 13 13	51	..	1009·5	- 1·3	302·4	304·9	26th	297·4	295·8	12th	299·9	299·5	+ 0·7	6	-87
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·7	296·8	..	282·9	280·8	..	288·8	*289·4	..	76	..
943	Masaka	0 20	31 44	1280	..	..	..	302·1	305·2	15,17,21	289·4	287·4	1st,7th	295·8	..	..	33	-89
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·3	1011·0	..	299·3	301·3	16th	285·1	282·5	11th	292·2	291·8	+ 0·8	1	-64
944a	Zanziber	6 10	39 11	17·1	1009·7	1011·6	- 0·9	304·4	305·8	6th	300·4	299·8	20th	302·4	*301·9	+ 0·8	18	-36
945	Lamu	2 16	40 50	3·0	..	..	..	301·9	303·6	3rd	297·4	296·3	6th,7th	299·7	*299·3	- 0·7	0	- 3
947	Seychelles, Port Office	4 37	55 27	4·6	1010·3	1010·7	- 0·7	301·9	303·6	24th	296·7	295·2	9th	299·3	*298·7	- 0·6	330	+13
957	Padang	0 56	100 22	6·7	..	1010·1	- 0·5	303·1	307·3	4th	296·0	294·9	27th	299·5	299·0	- 0·5	412	+154
958	Batavia	6 11	106 50	8·0	1008·1	1009·0	- 1·0	303·0	304·6	23rd	296·5	295·6	14th	299·7	299·2	+ 0·7	148	+39
958a	Pontianak	0 1	109 20	2·6	..	1008·6	- 1·3	304·5	307·2	3rd	297·0	296·2	26th	300·7	299·7	+ 0·3	244	+126
959	Pasuruan	7 38	112 55	5·0	..	1008·1	- 1·2	304·0	305·9	10th	296·9	295·6	19th	300·5	300·0	+ 0·7	110	-126
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	380	
962	Amboina	3 42	128 10	4·2	..	1008·1	- 0·7	304·1	305·4	10th	297·8	296·3	1st	300·9	300·5	+ 0·6	20	-86
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	204	-21
965	Daru	9 4	143 13	7·6	..	1007·3	- 1·7	303·8	..	..	296·9	..	..	300·3	*299·8	- 0·1	276	-26
966	Port Moresby	9 29	147 9	38·4	..	1007·6	- 1·2	303·6	..	..	295·2	..	..	299·4	*298·9	- 1·1	115	
967	Rabaul	4 9	152 12	12·5	1005·3	1006·7	- 1·2	305·8	307·8	7th	296·4	295·1	6th	301·1	*300·5	+ 0·6	319	+137
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·2	305·2	2,9,14	297·4	295·8	25th,28th	300·3	*300·0	- 0·5	780	+355
970	Ocean Island	0 52	169 35	42·6	1003·4	1008·3	- 1·5	304·5	306·3	5,10,28	298·6	296·9	12th,18th	301·5	*300·9	+ 0·6	544	
		S. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

FEBRUARY - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1008·9	+ 0·6	302·2	303·9	9th	296·7	295·5	19th	299·5	299·4	- 0·2	380	- 8
1003	∮Alofi, Niue Island	19 2	169 55	19·5	..	1010·8	+ 1·0	303·2	306·3	25th	294·9	293·0	1st	299·1	*298·8	- 0·8	366	+112
1061	Lima	12 5	77 3	111	995·6	1008·4	..	301·7	303·8	1st	291·9	290·0	10th	296·8	294·7	..	0	..
1062	Arica	18 28	70 20	5	..	..	..	..	..	..	..	..	..	..	..	..	0	0
1064	La Paz, Bolivia	16 30	68 8	3658	656·6	..	- 1·2	289·6	294·2	..	279·2	275·7	...	284·4	*283·7	+ 0·3	179	+68
1065	Corumba	18 59	57 39	116	993·8	1006·7	- 0·6	304·9	308·2	15th	294·8	290·6	18th	299·8	*299·1	- 0·7	276	+145
1066	Cuyabe	15 36	56 6	165	989·0	1007·6	- 1·4	304·1	307·1	14th	295·5	294·0	8th,10th	299·8	*298·6	- 0·3	213	+ 2
1067	Bello Horizonte	19 56	43 56	895	911·9	1011·1	- 2·0	300·3	303·8	27th	291·6	289·6	20th	296·0	*295·2	0·0	355	+130
1068	Caetite	14 3	42 37	897	914·5	1012·7	0·0	299·4	304·1	14th	290·9	288·8	21st,24th	295·2	*294·4	- 1·3	160	+50
1069	Ondina (Bahia)	13 0	38 31	46·6	1005·0	1010·3	- 2·1	303·6	307·0	1st	296·4	294·4	3rd	300·0	*299·6	+ 0·5	105	- 9
1070	Aracaju	10 55	37 3	6·1	1012·7	1013·5	+ 0·2	303·3	304·8	17th	296·9	294·2	4th	300·1	*299·8	..	39	..
1068	St. Helena	15 57	W. 5 40	579	945·5	1011·9	- 0·4	292·8	294·7	14th	288·6	287·4	26th	290·7	*290·4	- 1·1	88	..
1069	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1070	Livingstone	17 51	25 51	972	903·3	1007·6	..	304·6	309·9	19th	292·5	287·3	7th	298·6	..	..	67	..
1071	Elizabethville	11 39	27 28	1230	876·0	1007·0	- 0·7	301·3	303·2	6th	289·6	288·4	27th	295·5	..	+ 0·4	182	-61
1072	Gwelo	19 26	30 2	1411	..	..	..	299·1	305·2	17th	287·1	283·6	9th	293·1	..	- 1·1	156	+20
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	851·5	1009·5	- 0·6	298·5	301·7	14th	288·3	285·3	8th	293·4	292·6	- 0·2	99	-74
1044	Zomba	15 23	35 18	955	903·4	1006·5	- 1·1	299·4	301·9	17th	290·9	289·7	sev.dates	295·1	*294·4	- 0·1	226	-45
1045	Mossuril	14 57	40 40	15	..	1009·0	..	304·9	306·7	27th	296·0	294·8	5th	300·5	299·5	..	495	..
1046	Antananarivo	18 55	47 33	1375	862·6	1009·7	+ 0·2	298·3	301·6	28th	288·8	286·2	4th	293·6	292·5	- 0·4	365	+77
1006	Cocos, Keeling Is.	12 5	96 53	4·6	1010·4	1011·1	+ 0·4	303·8	305·3	24th	298·7	296·1	18th	301·3	*300·9	+ 0·6	114	-75
1007	Christmas Island	10 25	105 43	5·5	1006·4	1007·1	- 0·4	304·3	306·3	2nd	297·4	295·8	19th,20th	300·8	*300·3	+ 0·4	176	-123
1040	Kupang	10 10	123 34	45	1002·7	1007·8	- 1·0	303·7	305·2	11th	297·2	295·6	16th	300·5	299·9	+ 0·5	401	+34
1041	Derby	17 18	123 40	16·2	1003·6	1005·7	- 1·9	307·6	315·2	4th	299·6	294·1	26th	303·6	..	+ 0·4	150	- 1
1042	Hall's Creek	18 13	127 46	373	963·8	1004·7	- 2·4	311·2	313·9	14th	297·8	290·6	5th	304·5	*304·1	+ 1·8	54	-62
1043	Darwin	12 28	130 51	29·6	1000·8	1004·2	- 2·1	304·9	307·4	4th	298·0	295·3	2nd	301·4	*300·4	- 0·2	445	+119
1044	Daly Waters	16 16	133 23	211	980·3	1003·4	- 2·1	309·9	313·6	12th,13th	297·1	294·1	3rd	303·5	*303·1	+ 0·8	98	-61
1045	Palmerville	15 56	144 8	210	981·0	1004·4	- 2·6	304·3	307·6	18th	296·4	294·0	22nd	300·3	..	- 0·3	218	-36
1046	Georgetown, Queensland	18 22	143 32	302	972·6	1005·9	- 2·1	306·1	310·2	1st	295·9	294·0	7th	301·0	..	+ 0·1	151	-43
1047	Willis Island	16 18	149 59	8·5	1003·4	1004·5	..	303·0	304·7	14th	298·4	296·7	7th	300·7	*301·0	..	304	..
1077	Samarai	10 37	150 40	6·1	..	1006·9	- 1·1	..	..	..	298·1	..	..	..	‡303·1	+ 2·0	66	-139
1079	Suva, Fiji	18 8	178 26	6·1	1007·5	1008·2	+ 0·5	302·7	304·7	24th	296·8	294·1	2nd	299·7	*299·4	- 0·1	458	+186
		S. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

FEBRUARY - ZONE 11 (AMERICA, AFRICA).

		S. °	W. ′															
1005	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1061	Puntz Tortuga, Coquimbo	29 55	71 22	25	1010·4	1013·2	- 1·3	294·8	297·9	6th	287·6	285·6	26th,27th	291·2	*291·0	+ 0·9	0	0
1062	Antofagasta	23 42	70 24	94	..	..	..	..	..	..	..	..	..	..	..	..	0	0
1063	Catamarca	28 27	65 47	510	948·6	1004·6	- 2·9	307·4	313·7	21st	292·2	284·9	26th	299·8	*299·4	+ 0·6	25	-32
1064	Salta	24 46	65 28	1182	879·7	1005·8	- 1·1	302·4	308·1	17th	288·9	285·5	19th	295·6	295·6	+ 1·0	102	-44
1065	Goya	29 9	59 15	37	1004·9	1009·1	- 0·9	307·5	310·8	14th,16th	293·6	286·8	19th	300·6	300·3	+ 2·0	44	-62
1066	Asuncion	25 17	57 41	93	999·1	1009·5	- 0·1	308·4	312·5	13th	296·4	290·9	6th	302·4	301·7	+ 1·9	37	-88
1067	Curityba	25 25	49 17	908	911·0	1010·7	- 1·4	299·0	303·2	18th	289·4	286·1	16th	294·2	293·1	0·0	115	-33
1068	Rio de Janeiro	22 54	W. 43 10	18·3	1007·2	1009·3	- 2·4	301·3	308·2	23rd	296·0	293·3	16th	298·6	298·7	+ 0·1	194	+80
1038	Windhoek	22 34	E. 17 6	1727	828·7	1007·3	..	301·8	305·2	16th	289·5	286·4	7th	295·6	294·9	+ 0·5	74	- 7
1040	O'Okiep	29 36	17 52	933	908·9	1010·9	- 0·6	302·7	308·4	1st	288·3	282·4	22nd	295·5	295·0	- 0·5	0	- 8
1041	Kimberley	28 44	24 46	1218	879·3	1009·0	- 0·7	305·8	308·6	20th	290·4	285·5	22nd	298·1	297·9	+ 1·6	11	-56
1042	Johannesburg	26 11	28 4	1806	822·6	1010·9	- 0·7	298·9	302·8	13th	286·5	279·4	7th	292·7	292·2	+ 1·0	152	+19
1043	Bulawayo	20 9	28 35	1349	866·3	1010·7	- 0·9	298·9	303·4	17th	288·6	283·0	9th	293·7	293·2	- 0·6	189	+88
1044	Durban	29 52	31 3	15·2	1012·7	1014·5	- 1·2	300·4	304·0	13th	293·9	289·4	6th	297·2	296·7	- 0·4	127	+ 2
1045	Lourenço Marques	25 58	32 36	59·5	..	1012·7	- 0·4	302·1	305·5	25th,27th	294·1	289·7	8th	298·1	297·6	- 0·7	119	-51
1047	Mauritius	20 6	57 33	55·2	1004·6	1010·9	- 0·1	302·0	305·0	23rd	295·9	292·4	16th	298·9	298·7	- 0·1	114	-99
		S. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages105-15.

FEBRUARY – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1002·6	1003·0	- 3·6	307·7	316·4	5th	296·4	292·4	17th	302·1	..	- 0·7	102	+72
1160	Cue	27 27	117 52	454	957·6	1007·3	- 0·9	308·8	316·1	4th,5th	295·2	286·3	8th	302·0	..	- 0·6	40	+20
1161	Nullagine	21 53	120 5	386	..	..	..	311·9	316·3	4th	296·8	291·9	12th	304·3	..	+ 0·3	37	-25
1162	Laverton	28 40	122 23	466	957·2	1008·1	- 2·7	310·9	317·9	6th	294·3	288·1	21st	302·6	*302·4*	+ 2·1	2	-24
1163	Alice Springs	23 38	133 37	587	941·7	1004·8	- 1·7	309·8	315·2	16th	294·5	286·9	3rd	302·2	*302·4*	+ 1·3	14	-25
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	986·3	1002·6	- 3·7	312·3	316·3	16th,18th	298·0	292·0	2nd	305·2	*305·4*	+ 1·5	3	-42
1165	Thargomindah	27 58	143 43	123	..	..	..	308·9	314·7	18th	296·4	289·8	3rd	302·7	*302·4*	+ 0·2	3	-38
1166	Mitchell	26 32	147 52	336	970·3	1007·9	- 2·1	305·1	310·8	16th,18th	292·3	286·6	2nd	298·7	..	- 0·3	94	+13
1167	Rockhampton	23 24	150 30	11·3	1005·3	1007·2	- 3·0	304·8	309·7	16th	295·4	293·0	9th	300·1	*299·5*	+ 0·4	924	+723
1168	Brisbane	27 28	153 2	41·8	1006·6	1011·0	- 1·6	302·0	306·3	12th	294·5	292·3	9th	298·2	*297·3*	+ 0·5	158	- 3
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1016·1	1017·8	+ 4·5	299·1	302·4	2nd	293·7	290·2	4th,5th	296·4	*296·0*	+ 1·2	13	-124

FEBRUARY – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	S. 33 37	W. 78 52	6	1018·4	1019·1	..	294·5	299·3	3rd	..	..	..	..	*291·7*	..	42	+ 9
1221a	Punta Tumbes	36 37	73 6	120	999·6	1013·9	- 0·8	292·1	295·0	25th	285·0	282·0	23rd	288·5	*288·4*	+ 0·4	0	- 9
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·0	1013·9	- 0·4	295·3	299·4	14th	286·1	282·8	25th	290·9	*290·1*	- 0·1	0	- 2
1222a	Santiago	33 27	70 42	520	952·4	1011·3	- 1·0	302·5	305·2	10th	284·5	281·3	25th	293·5	*292·7*	+ 0·9	0	-70
1223	Cordoba	31 25	64 12	423	960·8	1008·1	- 2·0	305·7	313·2	21st	288·0	280·6	19th	296·9	297·1	+ 1·6	37	-27
1224	Bahia Blanca	38 45	62 15	25	1006·4	1009·3	- 3·2	303·1	310·4	12th	288·2	280·1	24th	295·6	295·4	+ 0·3	28	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1007·3	1010·7	- 2·0	302·2	308·7	13th	290·2	280·6	24th	296·2	295·6	+ 0·1	87	+19
1226	Montevideo (Prado)	34 52	56 12	24·9	1006·3	1009·7	- 3·6	301·4	310·9	16th	290·1	284·5	19th,28th	295·8	*295·5*	+ 0·3	111	+37
1226a	Porto Alegre	30 2	W. 51 13	23·5	1007·5	1010·2	- 2·4	304·7	313·4	17th	292·8	290·1	28th	298·7	297·9	+ 0·3	54	-29
1239	Cape Town	33 56	E. 18 29	12·2	1013·2	1014·6	+ 1·6	299·6	310·9	7th	287·9	283·4	20th	293·8	*292·3*	- 0·5	12	- 3
1240	Danger Point	34 37	19 18	27·7	1009·7	1013·0	0·0	294·5	297·4	18th	287·6	285·8	sev.dates	291·1	..	- 0·7	18	- 2
1241	Riversdale	34 6	21 16	61·0	..	..	..	300·4	313·8	1st	287·0	282·2	27th	293·7	..	- 1·4	40	+ 7
1242	East London	33 1	27 54	45·4	1008·7	1013·9	- 0·1	298·5	303·1	14th,19th	290·7	286·9	6th	294·6	..	+ 0·4	57	- 2
1259	Perth (Observatory)	31 57	115 51	60·0	1004·2	1011·1	- 2·2	302·3	313·2	13th	291·1	283·2	8th	296·7	*296·1*	+ 0·4	11	0
1260	Katanning	33 42	117 35	310	976·6	1011·8	- 2·3	303·4	311·9	5th	287·1	281·3	21st	295·2	..	+ 0·9	36	+22
1261	Coolgardie	30 57	121 10	423	963·4	1010·5	- 1·9	306·1	315·9	6th	289·7	283·3	21st	297·9	*297·7*	+ 0·3	31	+ 9
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1010·9	1012·3	- 2·0	303·5	313·8	7th	289·6	282·2	1st	296·6	*295·8*	+ 0·9	1	-11
1264	Adelaide	34 56	138 35	42·7	1007·4	1012·4	- 1·8	305·8	312·4	17th	291·6	284·7	2nd	298·7	*298·2*	+ 2·3	1	-18
1265	Melbourne	37 49	144 58	36·1	1010·3	1014·5	0·0	300·3	308·0	9th	289·5	283·3	1st	294·9	*294·5*	+ 2·1	80	+35
1266	Bourke	30 13	145 58	110	998·4	1010·3	- 1·8	309·2	314·1	19th	293·7	286·9	1st	301·4	..	0·0	0	-40
1267	Sydney	33 51	151 13	42·1	1008·8	1013·9	0·0	298·2	301·2	27th	292·7	287·7	2nd	295·4	*294·9*	+ 0·5	279	+171
1268	Lord Howe Island	31 20	159 0	4·9	1016·1	1016·6	+ 2·0	297·9	299·6	26th	293·7	287·7	2nd	295·8	..	+ 0·1	38	-76
1271	Auckland	36 51	174 48	13·4	..	1017·0	+ 1·8	296·1	298·7	12th	288·1	284·9	18th	292·1	..	- 0·3	15	-62
1272	Napier	39 29	176 55	1·5	..	..	..	295·4	300·5	25th	285·4	281·6	18th	290·4	..	- 0·8	5	-66

FEBRUARY – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 52	W. 176 42	45·7	..	1009·0	- 2·6	..	..	..	..	..	..	..	..	..	29	-33
1321	♯Isla Guafo	43 34	74 45	140	999·8	1016·6	+ 0·5	286·7‡	290·4	10th	282·3	280·0	28th	284·5	*295·0*	- 0·6	75	+12
1322	Punta Galera	40 1	73 44	40	1011·1	1015·9	- 0·4	289·5	293·0	9th	284·1	281·0	28th	286·8	*287·2*	+ 0·4	105	+33
1323	Sarmiento	45 34	69 0	272	976·5	1008·2	- 0·9	296·4	303·4	12th	283·4	278·5	28th	289·9	289·1	- 0·9	1	- 8
1324	♯Puerto Madryn	42 49	W. 64 58	14	1006·4	1008·1	- 1·8	298·3	305·5	12th	283·6	276·0	28th	291·0	291·4	- 0·9	38	+26
1365	♯Launceston	41 27	E. 147 10	10·1	1014·5	1015·7	+ 2·2	298·4	302·9	21st	286·7	280·7	2nd	292·6	*291·3*	+ 1·3	31	+ 1
1366	Hobart	42 53	147 20	53·9	1010·7	1017·1	+ 4·1	295·5	306·7	9th	286·2	280·5	3rd	290·9	*289·6*	+ 1·0	32	- 6
1369	Invercargill	46 25	168 21	3·7	..	..	..	290·1	294·7	2nd,11th	283·8	279·7	5th	286·9	..	0·0	112	+36
1370	Alexandra	45 15	169 24	159	..	..	..	296·4	302·2	1st	282·2	276·0	18th	289·3	288·8	..	2	..
1371	Dunedin	45 52	170 31	6·1	..	1012·5	- 0·2	293·1	300·2	23rd	282·4	279·7	sev.dates	287·7	..	+ 0·5	36	-35
1371a	Christchurch	43 32	172 37	7·8	..	1011·7	- 1·8	294·3	301·8	25th	283·7	277·0	18th	289·0	..	0·0	3	-41
1372	Wellington	41 16	174 46	128	..	1014·2	- 0·8	292·7	296·3	26th	285·7	281·9	17th	289·2	288·3	- 0·8	20	-60

FEBRUARY – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	S. 52 24	W. 75 6	55	994·7	1001·3	- 1·5	283·3	286·6	4th	279·7	277·6	1st	281·7	*282·4*	+ 0·7	271	+24
1422	Magallanes (Punta Arenas)	53 10	70 54	28	996·6	1000·0	- 0·7	288·1	295·5	6th	280·2	277·0	27th	284·1	*284·1*	+ 0·4	10	-19
1423	Punta Dungeness	52 24	68 26	5	999·0	999·6	- 0·5	288·0	292·0	6th	280·3	276·2	22nd	284·1	*284·7*	+ 0·2	3	-24
1424	♯Santa Cruz	50 1	68 31	12	1001·6	1003·0	- 1·3	292·9	301·0	14th	282·1	277·5	21st,28th	287·5	287·2	0·0	4	- 5
1425	♯Stanley, Falkland Is.	51 42	57 51	1·8	..	998·0	- 3·2	286·6	290·8	15th	277·9	273·0	28th	282·3	..	- 0·1	66	+10
1426	Cape Pembroke	51 41	57 42	21·3	996·1	998·7	- 2·6	284·4	288·6	14th,19th	278·9	274·7	28th	281·7	281·9	- 0·7	..	..
1429	S. Georgia (Cumberland Bay)	54 16	W. 36 30	4	989·9	990·4	- 5·4	283·1	290·3	10th	274·7	271·9	7th	278·9	*279·0*	+ 0·6	170	+60

FEBRUARY – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	♯South Orkneys	S. 60 44	W. 44 39	7	988·4	989·3	- 2·3	273·4	279·3	12th	270·7	267·2	22nd	272·0	‡*272·0*	- 1·4	73	+30
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, MARCH 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MARCH, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

MARCH – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1535	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1536	Barrow	71 23	156 17	4·6	..	1016·9	- 3·5	249·4	268·0	29th	239·6	232·4	8th	244·5	..	- 1·6	0	- 3
1539	Upernivik	72 47	56 7	19·2	1000·3	1002·8	- 9·6	263·9	281·9	8th	256·2	248·0	17th,21st	260·1	*259·7*	+ 8·0	4	-13
1541	Myggbukta	73 30	21 30	3·2	..	1014·8	..	..	278·0	10th	..	238·0	30th	..	*254·2*	..	5	..
1542	Scoresbysund	70 29	21 58	16·9	1007·5	1009·7	..	267·3	275·4	10th	258·5	250·9	2nd	262·9	*263·2*	..	2	..
1546	Jan Mayen	70 59	W. 8 18	23·1	1005·0	1007·9	- 2·5	..	276·5	11th	248·6	241·1	21st	..	*271·1*	+ 2·4	28	- 6
1559	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1007·8	1009·3	- 0·2	..	265·0	27th	241·9	231·4	4th	..	247·5	- 6·9	35	+ 7
1540	Björnöen	74 28	19 17	40·5	1000·9	1006·2	+ 0·2	..	273·1	25th	257·0	249·9	4th	..	*260·0*	- 4·6	27	- 9
1541	Ingöy	71 4	24 6	4·3	1001·9	1002·4	- 4·5	..	276·6	17th	266·6	260·3	4th	..	*269·4*	- 1·0	69	+15
1542	Sletnes	71 5	28 14	10·2	1000·5	1001·3	- 4·5	..	276·2	17th	265·1	258·5	24th	..	*268·0*	..	95	..
1543	Vardö	70 22	31 8	11·3	999·3	1001·3	- 5·5	..	275·4	20th	264·6	258·7	5th	..	*267·0*	- 1·3	46	- 7
1547	Malye Karmakouly	72 23	52 43	15·3	997·4	999·5	-11·1	..	..	..	..	..	..	..	*251·0*	- 6·6	..	..
1548	Walgatz	70 24	58 47	11·2	997·5	999·0	-10·5	..	..	..	..	..	..	..	*250·9*	- 5·7	6	+ 1
1553	Dickson	73 31	80 23	13·0	1000·4	1002·2	- 8·3	251·7	259·4	9th	243·4	235·4	3rd	247·5	*247·6*	- 2·2	4	0
1582	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

MARCH – ZONE 2.

1601	Preobrajenye	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1602	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1604	Nome	64 30	165 24	6·7	1009·6	1010·1	- 1·7	261·7	275·2	28th	249·4	238·0	3rd,11th	255·6	*254·6*	- 4·7	14	- 9
1605	Bethel	60 45	161 47	11·6	..	1009·8	..	261·7	275·2	28th,31st	253·1	241·9	4,13,14	257·4	..	..	21	..
1606	Tanana	65 10	152 6	69·5	1002·4	1011·2	- 3·1	259·8	275·8	19th	245·4	226·3	3rd	252·6	*252·1*	- 6·0	29	+12
1607	Rampart	65 30	150 15	114	..	..	..	258·5	275·2	20,30,31	247·3	231·3	15th	252·9	..	- 5·0	5	- 7
1608	Valdez	61 7	146 16	122	..	..	..	271·4	276·3	23rd	265·7	254·1	9th	268·6	..	..	180	..
1609	Eagle	64 46	141 12	248	978·4	1010·8	- 3·6	263·0	283·0	20th	248·3	227·4	7th	255·7	*255·1*	- 4·1	7	- 4
1610	Dawson	64 4	139 29	324	968·5	1011·1	..	263·1	278·6	18th	249·6	236·9	6th,7th	256·5	*256·5*	- 1·2	9	- 4
1611	Mayo Landing	63 35	135 51	?579	946·0	1020·2	..	267·1	280·8	19th,21st	253·4	239·7	10th	260·3	*261·1*	..	13	..
1612	Fort Good Hope	66 15	128 38	65·2	1010·8	1019·9	..	253·8	274·1	31st	240·7	225·2	9th	247·3	..	- 2·5	11	- 7
1613	Fort Simpson	61 52	121 35	129	998·1	1015·5	..	261·5	281·3	14th	249·5	226·3	6th	255·7	*255·9*	+ 0·4	8	- 4
1625	Hay River	60 51	115 57	161	992·7	1014·5	..	260·1	280·2	14th	243·9	225·8	7th	252·0	*251·1*	- 3·4	13	0
1626	Jacobshevn	69 13	51 2	31·6	993·4	997·4	-12·6	270·5	283·4	8th	263·9	257·0	17th	267·2	*267·6*	+10·8	7	- 5
1627	Godthaab	64 10	51 43	20	..	..	..	274·5	283·6	7th	266·6	261·2	27th	270·5	*269·7*	+ 4·4	39	- 6
1629	Ivigtut	61 12	48 10	30·0	991·6	995·5	- 9·1	276·3	287·6	7th	266·6	262·1	28th	272·5	*272·5*	+ 4·2	334	+248
1631	Angmagssalik	65 36	37 33	29·3	999·6	1003·3	- 3·4	276·1	279·8	18th	269·8	261·6	28th	272·9	*273·1*	+ 7·4	293	+231
1632	Stykkisholm	65 5	22 46	25	..	1009·2	+ 3·3	281·6	284·5	9th	275·8	271·3	6th	278·7	*278·4*	+ 7·7	58	+ 8
1633	Westmanno	63 24	20 17	132	..	1011·6	+ 7·9	281·0	282·6	5th,22nd	277·5	272·8	31st	279·3	*279·9*	+ 5·1	131	+18
1634a	Grimsey	66 33	18 1	22	..	1008·6	+ 1·6	279·0	282·0	19th	..	..	..	..	*276·7*	+ 7·0	12	- 5
1634	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1635	Teigarhorn	64 41	14 22	18	..	1011·2	+ 5·3	283·1	287·4	9th	275·6	272·2	5th	279·3	*279·0*	+ 7·3	129	+48
1636	Hjörvig	62 3	6 45	22·9	1015·6	1018·4	+11·7	282·6	284·4	10th	278·5	276·1	11th	280·7	*280·7*	+ 4·8	111	-13
1638	Lerwick	60 8	W. 1 11	18·0	..	1021·0	+14·0	281·7	285·8	14th	278·4	273·6	1st	280·1	*279·9*	+ 3·3	30	-50
1727	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1016·1	1021·7	+12·3	279·5	285·0	21st	275·0	268·0	1st	277·3	*277·1*	+ 1·4	210	+89
1728	Aalesund	62 28	6 10	6·3	1018·4	1019·2	+10·2	..	284·0	25th	275·9	272·3	16th	..	*278·0*	+ 8·5	91	+11
1740	Trondhjem	63 26	10 25	59·2	1009·1	1016·5	+ 7·7	277·9	282·6	27th	273·4	268·3	2nd	275·7	*275·9*	+ 3·7	150	+92
1741	Bodö	67 17	14 26	17·0	1007·5	1009·6	+ 2·8	..	279·6	1st	271·4	261·3	7th	..	*273·9*	+ 2·5	122	+71
1840	Haparanda	65 50	24 9	9·2	1006·2	1007·4	- 3·0	272·6	281·6	18th	264·6	252·0	6th	268·6	*268·6*	+ 3·7	18	- 8
1842a	Helsingfors	60 10	24 57	11·7	1010·3	1011·8	- 0·7	274·1	284·5	28th	266·6	255·4	7th	270·3	*270·4*	+ 1·3	16	-19
1842	Kuopio	62 55	27 40	233	979·6	1009·2	- 3·4	270·6	279·0	20th	263·0	251·0	5th	266·8	*267·1*	0·0	33	- 2
1843	Kols	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1844	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1845	Arkhangelsk	64 34	40 31	6·3	1003·0	1003·8	- 8·5	..	..	..	..	..	..	..	*262·3*	- 2·9	36	+16
1846	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1847	Oust-Tsylma	65 25	52 18	? 68	992·4	1001·4	-12·4	263·1	274·9	28th	251·2	240·3	1st	257·2	*257·4*	- 4·7	21	+ 5
1848	Tcherdyn	60 24	56 31	?208	979·1	1006·0	-10·8	265·6	274·5	31st	256·7	244·5	3rd	261·2	*261·3*	- 3·6	28	0
2060	Berezov	63 56	65 4	46	998·3	1004·4	-11·6	..	..	..	..	..	..	..	*258·7*	- 1·3	29	+13
2061	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2062	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2063	Sourgout	61 15	73 24	48	1004·0	1010·3	- 8·2	..	..	..	..	..	..	..	*260·9*	+ 1·0	32	+17
2064	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2065	Touroukhansk	65 47	87 57	45·0	1005·0	1011·0	- 5·3	..	..	..	..	..	..	..	*258·8*	+ 2·5	29	+18
2083	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2084	Iakoutsk	62 1	129 43	108	1003·8	1018·6	- 1·5	..	..	..	..	..	..	..	*250·3*	- 0·2	3	- 2
2085	Verkholansk	67 33	133 24	100	994·8	1009·0	- 8·5	..	..	..	..	..	..	..	*240·4*	- 1·6	3	+ 1
2086	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2270	Naiakhen	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2271	Novo Mariinskii Post	64 45	177 33	17·2	1012·3	1014·6	- 4·7	..	..	..	..	..	..	..	*249·2*	- 4·6	8	+ 2
		°	N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1009·8	+ 4·0	269·7	276·3	31st	264·9	256·3	15th	267·3	..	- 2·3	74	+18
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1007·6	1008·1	+ 1·9	276·6	284·1	30th	269·9	265·2	12th,13th	273·2	*273·1*	- 0·7	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	275·6	280·2	26th	269·6	261·9	19th	272·6	..	..	89	+ 6
305	Dillingham	59 0	158 28	24·4	..	..	..	268·9	276·9	23,24,29	257·4	244·1	4th	263·2	..	- 4·3	52	- 5
306	Kodiak (Radio)	57 47	152 22	4·6	1001·8	1002·4	- 3·7	276·2	281·9	1st,22rd	269·2	261·3	12th	272·7	*272·8*	- 1·1	84	
309	Sitka	57 3	135 19	19·8	..	..	..	278·6	281·9	19th,20th	272·3	266·3	5th,29th	275·4	..	- 0·2	257	+114
310	Prince Rupert	54 18	130 18	51·8	1004·9	1011·3	- 1·1	279·6	284·1	17th	274·5	270·2	31st	277·1	*277·1*	+ 0·6	310	+63
311	Barkerville	53 2	121 35	1274	862·4	1010·8	- 2·9	275·5	281·3	14th	266·6	263·0	1st	271·1	*270·9*	+ 1·6	73	+ 8
312	Kamloops	50 41	120 29	385	967·8	1014·4	- 4·9	283·3	289·1	20th	273·1	269·1	12th	278·2	*278·4*	+ 1·8	28	+20
313	Calgary	51 2	114 2	1058	886·9	1010·9	- 5·2	280·4	289·7	4th	267·1	255·8	7th	273·7	*273·2*	+ 4·4	14	- 3
314	Fort Chipewyan	58 43	111 9	218	983·9	1012·6	..	264·1	280·2	15th	252·2	236·3	7th	258·1	*258·6*	+ 0·2	..	..
315	Prince Albert	53 10	105 38	437	957·5	1012·6	- 6·1	272·9	289·1	28th	258·6	239·1	7th	265·7	*265·7*	+ 2·6	21	-14
316	Qu'Appelle	50 30	103 47	651	933·1	1013·1	- 6·6	274·4	293·0	28th	263·9	246·3	7th	269·2	*268·9*	+ 5·0	12	- 2
317	Minnedosa	50 15	99 50	515	948·0	1012·2	- 7·1	272·8	290·8	28th	261·8	242·4	7th	267·3	*267·1*	+ 3·7	15	+15
318	Berens River	52 18	97 23	216	..	..	..	270·1	278·6	16th	251·7	234·1	7th	260·9	..	- 1·3	37	+18
318a	Port Nelson	57 0	92 51	14·9	1012·5	1014·5	..	256·8	275·8	13th	245·6	232·4	7th	251·2	*251·7*	- 3·2	33	
319	Pagwa	50 3	85 18	189	..	..	..	272·7	289·7	30th	258·7	244·1	17th,20th	265·7	..	+ 4·6	18	-26
320	Moose Factory	51 14	80 30	9·1	1009·0	1010·2	..	..	..	..	251·1	238·0	8th	..	..	..	70	+41
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	- 2
324	Natashquan	50 8	61 48	6·1	..	..	..	..	..	..	..	..	..	..	..	..	47	+12
								268·8	276·9	30th	257·5	243·6	12th	258·6	..	- 4·7	88	
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	263·1	..	- 1·0	..	..
333a	62°-57°N. 20°-15°W.	††58 46	††17 29	§(24)	..	..	..	..	..	Sea Temp. 282·2	+1·0	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1022·7	1024·4	+11·6	285·3	290·0	29th	278·8	272·1	6th	282·1	282·0	+ 1·6	34	-77
335	Aberdeen	57 10	W. 2 6	26·0	1021·5	1024·8	+15·4	282·3	288·8	27th	275·4	270·6	1st	278·9	278·9	+ 1·6	5	-55
336	Greenwich	51 28	0 0	46·3	..	1027·6	+14·3	286·0	294·1	30th	273·4	266·9	3rd,5th	279·7	279·1	+ 0·6	1	-43
337	Uccle	50 48	E. 4 22	100	1014·3	1026·8	+12·2	285·0	294·5	22nd	273·6	263·8	1st	279·3	278·6	+ 0·8	6	-55
338	De Bilt	52 6	5 11	3·0	1026·4	1026·8	+13·6	282·6	290·9	19th,23rd	271·3	262·1	1st	276·9	276·6	- 1·0	7	-43
338a	Hamburg	53 33	9 58	40·3	1019·9	1025·0	+12·2	279·2	287·6	28th	272·4	261·0	2nd	275·8	*275·3*	- 1·1	21	-40
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1021·2	1021·8	+ 9·5	278·3	289·0	28th	271·8	265·0	2nd	275·1	*275·2*	+ 1·3	11	-16
340	Potsdam	52 23	13 4	84·9	1013·5	1024·2	+10·9	279·8	290·7	23rd	272·3	261·3	1st	276·1	275·6	- 1·2	5	-31
340a	Uppsala	59 51	17 38	24	1012·8	1015·8	+ 4·4	277·8	289·1	28th	266·6	253·7	7th	273·2	*273·4*	+ 2·7	18	-24
341	Warsaw	52 13	21 3	89·6	1010·7	1022·2	+ 7·0	275·8	285·7	23rd	266·1	247·2	2nd	270·9	*271·4*	..	..	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1002·0	1012·3	- 0·8	273·9	281·9	22nd	265·8	252·4	11th	269·9	269·7	- 0·1	38	+14
343	Leningrad	59 56	30 16	4·8	1008·6	1009·2	- 3·7	..	..	..	..	..	..	..	*268·0*	- 0·8	29	+ 6
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	988·6	1009·7	- 7·4	..	..	..	..	..	..	..	*265·4*	- 3·3	18	-13
345	Saratov	51 32	46 2	127	996·8	1013·2	- 6·3	269·2	274·5	16th	262·1	252·5	3rd	265·6	*266·0*	- 0·5	..	..
346	Kazan	55 47	49 8	79·9	998·7	1009·0	-11·5	269·4	277·9	30th	260·5	249·6	10th	264·9	*264·8*	- 2·0	38	+16
347	Orenburg	51 45	55 ,6	109	1001·4	1015·5	- 8·5	269·0	276·1	31st	262·6	252·2	5th	265·8	*266·1*	+ 0·9	23	0
348	Perm	58 1	56 16	163	987·4	1008·4	-11·3	269·0	279·0	31st	259·2	245·9	3rd	264·1	*264·2*	- 1·7	54	+25
349	Sverdlovsk	56 50	60 38	281	973·2	1009·7	-11·5	..	..	..	..	..	..	..	*264·2*	- 1·4	29	+19
350	Tobolsk	58 12	68 14	108	998·8	1012·9	- 7·4	..	..	..	258·4	247·9	2nd	..	*263·6*	- 0·4	21	+ 6
351	Akmolinsk	51 12	71 23	347	978·0	1022·4	- 5·3	269·9	277·1	31st	260·1	248·3	1st,17th	265·0	*265·2*	+ 3·3	23	+10
352	Omsk	55 1	73 19	108	1005·2	1019·3	- 4·7	..	..	..	..	..	..	..	*263·6*	+ 2·4	5	- 3
353	Barnaoul	53 20	83 47	158	1005·9	1027·0	- 0·8	272·1	280·9	12th	258·6	245·2	26th	265·4	*265·8*	+ 3·1	35	+21
354	Tomsk	56 30	84 58	123	1007·0	1023·0	- 2·0	270·1	280·5	11th	260·1	247·4	29th	265·1	*265·1*	+ 2·7	35	+11
355	Minousinsk	53 43	91 41	249	995·5	1028·0	+ 0·2	..	..	..	..	..	..	..	*263·6*	+ 0·5	9	+ 4
356	Eniseisk	58 27	92 10	81·2	1011·6	1022·2	- 0·8	..	..	..	..	..	..	..	*264·9*	+ 2·5	10	- 3
357	Irkutsk	52 16	104 19	467	968·4	1027·8	+ 0·5	..	..	..	..	..	..	..	*264·9*	+ 2·5	8	+ 1
358	Kirensk	57 47	108 7	278	988·8	1024·9	+ 1·0	..	..	..	..	..	..	..	*266·5*	+ 3·6	5	- 6
359	Tchita	52 2	113 30	685	936·3	1022·1	- 1·9	..	..	..	..	..	..	..	*263·6*	+ 3·5	0	- 3
360	Nertchinskii Zavod	51 19	119 37	621	944·6	1023·9	+ 0·7	..	..	..	..	..	..	..	*265·0*	+ 4·0	3	- 2
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	*261·2*	+ 2·0	..	..
362	Blagovy=shchensk (Bureau Meteor.)	50 16	127 30	142	999·5	1018·0	- 0·8	..	..	..	..	..	..	..	..	..	4	-4
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	*263·5*	- 0·1	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1005·8	1011·4	- 2·6	..	..	..	..	..	..	..	..	..	7	-10
366	‡Okhotsk	59 21	143 17	5·5	1008·6	1009·4	- 6·2	..	..	..	..	..	..	..	*258·5*	- 1·5	2	- 8
															258·0	- 0·7		+68
368	‡Petropavlovsk (Phare)	52 53	158 43	87·1	991·8	1002·8	- 4·4	..	..	..	..	..	..	..	*267·7*	+ 1·6	156	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in *italics*.
§Number of observations.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1007·8	1016·4	+ 0·7	282·8	286·9	18th	277·2	274·7	30th	280·0	*279·9*	+ 0·6	56	- 6
412	Portland, Oregon	45 32	122 41	46·6	1013·6	1018·9	+ 1·9	285·6	291·9	19th	277·9	273·6	12th	281·7	*281·6*	+ 0·8	74	-48
413	Macleod	49 44	113 24	953	..	..	..	281·3	288·6	15th	269·2	255·2	7th	275·3	*275·3*	+ 5·2	41	+24
414	Helena	46 34	112 4	1253	869·0	1012·8	- 2·6	280·3	291·9	28th	270·6	258·0	24th	275·4	*275·3*	+ 2·5	29	+ 9
414a	Salt Lake City	40 46	111 54	1329	865·5	1014·9	- 0·9	281·9	290·2	28th	273·3	268·0	25th	277·6	*277·7*	- 0·6	50	- 2
415	Cheyenne	41 8	104 48	1856	807·1	1012·5	- 2·1	278·7	287·4	29th	267·9	258·6	1st	273·3	*273·6*	- 0·2	38	+15
416	North Platte	41 8	100 45	860	911·5	1011·5	- 4·4	284·6	296·3	29th	270·7	261·9	1st	277·7	*277·7*	+ 2·5	7	-14
416a	Bismarck	46 47	100 38	510	949·4	1011·2	- 6·4	278·0	292·4	28th	268·2	258·0	7th	273·1	*272·8*	+ 4·6	41	+15
417	Winnipeg	49 53	97 7	232	983·0	1012·5	..	273·7	289·7	28th	263·0	245·2	9th	268·3	*267·9*	+ 4·7	33	+ 4
418	Duluth	46 47	92 6	345	969·2	1011·5	- 6·4	275·3	286·9	29th	266·6	249·7	7th	270·9	*270·4*	+ 2·3	45	+ 5
419	Port Arthur	48 27	89 12	196	987·5	1012·2	- 5·1	274·1	285·8	29th	265·0	248·6	9th	269·6	*269·3*	+ 4·0	41	+19
421	Chicago	41 47	87 35	205	988·2	1013·2	- 3·7	284·0	294·7	24th	274·5	260·2	7th	279·2	*278·5*	+ 3·6	133	+67
421a	Toronto	43 40	79 24	116	998·3	1013·3	- 4·3	279·9	291·3	23rd	271·5	257·4	8th	275·7	*275·2*	+ 4·0	90	+29
423	♯New York (Central Park)	40 47	73 58	47·4	1008·3	1014·1	- 2·2	285·1	298·0	22nd	275·4	261·9	10th	280·3	280·1	+ 3·6	107	+12
424	St. John, N.B.	45 17	66 4	36·3	1006·3	1010·9	..	275·3	282·4	31st	267·3	253·0	11th	271·6	*271·4*	+ 0·6	76	-39
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1007·6	1008·3	..	269·3	274·7	20th	262·3	251·9	9th,11th	266·1	*266·3*	- 0·8	25	-21
425	Sable Island (Main Station)	43 57	60 6	7·6	1009·7	1010·7	..	274·9	280·2	6th,22nd	263·9	260·2	11th	272·4	*272·2*	- 0·6	129	+16
428	Port aux Basques	47 35	59 10	9·1	1006·1	1007·3	- 3·5	271·3	277·4	20th	264·3	254·7	12th	267·8	*267·5*	- 0·8	129	+10
	St. John's, Newfoundland	47 34	52 42	74·1	995·9	1005·3	- 5·0	273·1	280·8	20th	267·2	259·1	14th	270·1	*269·8*	- 0·5	82	-35
435	Madrid	40 24	3 41	667	942·7	1021·2	+ 4·2	288·0	295·3	31st	278·0	271·4	2nd	283·0	*282·4*	+ 1·4	36	0
436	Nantes	47 15	W. 1 34	36·5	1019·4	1024·0	+ 9·1	286·7	293·8	30th	275·6	269·9	2nd,3rd	281·2	280·8	+ 0·6	8	-55
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1020·2	1026·4	+11·4	286·7	295·6	22nd	274·2	266·1	3rd	280·4	280·1	+ 0·8	0	-38
438	Marseille	43 18	5 23	75	..	1021·3	+ 7·3	289·9	298·3	31st	276·3	270·0	1st	283·2	*282·8*	- 0·2	5	-42
438a	Zürich	47 23	8 33	493	965·7	1025·8	+10·0	283·7	292·0	30th	272·5	262·6	2nd	278·1	277·3	+ 0·1	25	-50
440	Rome	41 54	12 29	45·5	1015·2	1020·5	+ 7·3	288·6	293·4	31st	277·8	273·8	8th	283·1	*282·9*	+ 0·4	23	-50
440a	Vienna	48 15	16 22	203	999·8	1025·2	+10·4	279·3	287·2	21st,29th	271·6	256·9	3rd	275·5	275·4	- 1·9	9	-38
441	Budapest	47 31	19 1	130	1008·0	1024·4	+ 9·3	280·2	288·4	27th	271·1	259·4	3rd	275·7	275·4	- 3·2	11	-35
442	Sofia	42 42	23 20	550	956·5	1023·9	+ 6·1	279·4	287·5	29th	269·8	259·1	3rd	274·6	*274·1*	+ 4·0	21	-21
	Bucharest	44 25	26 6	82	1013·1	1023·5	+ 7·5	279·3	289·8	26th	269·7	259·4	3rd	274·5	274·0	- 4·0	5	-37
443	Odessa (Observatory)	46 26	30 46	42·3	1017·1	1022·6	+ 5·9	274·0	285·2	26th	267·4	257·0	3rd	270·7	*270·4*	- 5·2	3	-24
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1015·6	1020·3	+ 3·7	..	..	..	..	..	..	..	*272·5*	- 6·6	74	+23
445	Tiflis	41 43	44 48	404	971·1	1020·6	+ 1·8	281·0	286·8	28th	271·7	266·1	18th	276·3	276·0	- 3·7	19	-10
446	Astrakhan	46 21	48 2	-20	1022·3	1020·2	- 0·3	273·9	281·5	30th	265·7	251·0	3rd	269·8	*269·4*	- 4·0	4	- 7
447	Fort Alexandrovsk	44 31	50 7	-23·0	1023·9	1021·0	+ 1·3	..	..	..	..	..	..	..	*272·0*	- 3·4	2	- 8
448	Krasnovodsk	40 0	52 59	-4·6	1020·2	1019·6	+ 1·2	..	..	..	..	..	..	..	*278·2*	- 3·4	16	- 3
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*269·9*	- 0·2	21	+ 8
450	Tashkent	41 20	69 18	479	963·4	1020·4	+ 0·1	287·3	297·9	16th	277·1	264·0	1st	282·2	281·9	+ 1·2	78	+15
451	Narynskoe	41 26	76 13	2015	797·8	..	+ 2·5	273·2	278·6	15th	264·1	251·1	3rd	268·6	*269·4*	- 0·4	28	+ 9
451a	Andijan	40 47	72 23	503	962·2	1022·3	..	..	..	..	..	..	..	..	*281·9*	..	59	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*276·4*	..	32	-23
461	Moukden	41 48	123 23	43·8	1015·6	1021·2	+ 0·1	280·2	290·3	26th	267·1	257·5	3rd	273·7	273·4	+ 1·4	1	-18
462	Joshin	40 40	129 12	31·9	1014·3	1018·3	0·0	277·9	285·8	22nd	270·1	262·5	3rd	274·0	273·8	+ 0·2	4	-17
463	Yuki	42 20	130 24	63·8	1010·2	1018·3	0·0	275·9	282·8	22nd	268·0	260·0	2nd	271·9	271·7	+ 0·1	3	-20
464	Vladivostok	43 7	131 54	128	1001·1	1017·5	- 0·8	..	..	..	..	..	..	..	*268·7*	- 1·5	6	-10
465	Ochiai	47 20	142 47	27·4	1006·9	1010·4	- 2·3	271·3	278·4	27th,30th	260·9	251·0	2nd	266·1	266·3	+ 0·9	24	- 7
466	Nemuro	43 20	145 35	26·7	1006·9	1010·3	- 3·2	274·6	279·8	27th	266·3	257·2	3rd	270·5	270·6	+ 0·1	46	- 9
466a	Syana	45 14	147 53	39·3	1003·8	1008·8	- 3·3	272·7	282·0	29th	263·9	254·3	3rd	268·2	268·6	+ 0·2	64	+ 2
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

MARCH - ZONE 5 (AMERICA).

431	San Francisco	N. 37 48	W. 122 26	47·2	1012·8	1018·6	+ 0·4	289·0	300·2	3rd	281·7	279·1	24th	285·3	*284·8*	+ 0·7	40	-40
432	Sacramento	38 35	121 30	21·0	1014·9	1017·3	+ 0·2	291·2	299·7	3rd	279·3	275·2	25th	285·3	*285·3*	- 0·1	20	-51
433	San Diego	32 43	117 10	26·5	1014·0	1017·3	+ 0·3	289·9	296·3	1st	282·3	278·6	25th	286·1	*285·8*	- 0·5	31	- 7
434	Modena	37 48	113 54	1668	830·6	1012·5	- 1·5	284·1	293·0	29th	269·4	260·8	25th	276·8	*277·1*	+ 0·7	17	-14
435	Santa Fé	35 41	105 57	2138	783·0	1011·3	- 1·6	282·4	292·4	29th	270·1	254·7	1st	276·2	*276·5*	- 0·9	15	- 5
436	Denver	39 45	105 0	1613	832·1	1011·5	- 2·2	283·1	294·1	29th	271·6	264·1	14th	277·3	*277·8*	+ 0·5	55	+31
437	Abilene	32 23	99 40	530	951·4	1012·5	- 2·7	293·6	306·3	24th	281·1	273·6	1st	287·3	*287·0*	+ 1·1	69	+40
438	Saint Louis	38 38	90 12	173	992·9	1013·5	- 3·5	288·9	306·3	24th	278·1	267·4	10th	283·5	*282·8*	+ 3·7	135	+46
439	Mobile	30 41	88 2	17·4	1014·2	1016·2	- 2·0	294·9	304·7	23rd	286·3	277·4	2nd	290·6	*290·2*	+ 2·2	514	+350
440	Nashville	36 10	86 47	166	996·6	1016·6	- 1·7	290·5	304·1	24th	280·4	268·0	10th	285·4	*285·4*	+ 2·7	165	+35
441	Charleston	32 47	79 56	14·6	1016·3	1017·9	- 0·5	293·4	304·1	24th	285·2	276·3	10th	289·3	*289·8*	+ 2·1	52	-34
442	Washington	38 54	77 3	34·1	1011·3	1015·2	- 2·2	288·3	301·9	24th	277·5	263·6	10th	283·1	*283·0*	+ 4·0	67	-30
444	Bermuda	32 17	64 46	46·0	1014·7	1020·2	..	293·7	297·4	23rd	287·4	283·6	11th	290·6	*290·4*	+ 0·2	70	-51
		N. ° ′	N. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in *italics*.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 9	40	1007·3	1012·0	- 7·2	289·6	294·3	24th	284·2	279·3	16th	286·9	286·8	- 0·1	218	+64
531	Horta	38 32	28 38	65	1005·4	1013·2	- 7·8	289·4	294·3	31st	284·7	279·9	16th	287·1	286·7	- 0·7	100	..
532	Ponta Delgada	37 44	25 40	22	1011·2	1013·9	- 6·7	289·3	291·3	29th	285·3	282·1	3rd	287·3	287·3	+ 0·2	..	- 6
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	110	-83
533	Madeira (Funchal)	32 38	16 55	25	1013·2	1016·2	- 2·7	291·8	295·4	1st	287·0	285·0	3,12,17	289·4	*289·5*	+ 1·1	24	-58
535	Lisbon	38 43	9 9	95	1006·0	1017·4	+ 1·4	291·2	297·0	31st	283·6	277·2	2nd	287·4	287·0	+ 1·6	75	+13
535a	Melilla	35 17	2 59	40	1014·6	1019·4	..	289·5	292·7	6th	285·3	282·8	16th	287·4	*287·2*	+ 0·6	110	-10
536	Gibraltar	36 6	5 21	16·2	..	1018·1	+ 0·9	289·8	293·0	6th	285·4	281·9	1st	287·5	*287·4*	+ 0·3	0	- 8
536a	Colomb-Béchar	31 37	W. 2 13	769	925·1	1012·5	..	..	..	..	278·9	273·0	1st	..	*286·5*	..	..	..
537	Palma	39 34	E. 2 39	23	1017·8	1020·6	+ 5·0	290·5	299·2	31st	277·9	274·2	1st	284·2	*284·0*	- 1·5	12	-27
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	0	-1
539	Tunis	36 48	10 10	75	1010·8	1019·9	..	?297·3	?306·7	12th	?280·3	?274·4	8th	?289·1	..	- 1·1	123	+74
540	Malta	35 54	14 31	71·2	..	1018·3	+ 4·5	288·4	294·1	11th	280·9	276·8	2nd	284·7	*284·4*	- 1·1	77	+39
541	Athens	37 58	23 43	107	1006·8	1019·7	+ 5·4	287·6	289·7	23rd	282·8	279·7	2nd	285·2	*284·4*	- 1·7	17	-16
542	Alexandria	31 12	29 53	32·0	1013·0	1016·7	+ 1·3	286·3	292·9	31st	278·8	273·3	3rd	282·6	282·3	- 2·1	2	-12
								293·3	300·4	2nd	284·9	282·4	5th	289·1	*289·2*	- 0·9		
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1014·8	+ 0·3	289·2	293·6	28th,29th	278·3	274·7	20th	283·8	..	- 1·9	16	-68
544	Beirut	33 54	35 28	33·7	..	1015·5	+ 0·6	291·1	297·2	29th	284·7	280·8	10th	287·9	*287·7*	- 0·6	30	- 9
545	Hinaidi	33 17	44 29	32·3	1010·8	1014·6	+ 0·5	295·9	304·1	8th	281·2	276·3	6,11,23	288·5	*289·4*	- 0·8	1	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	✠Tehran	35 41	51 25	1220	866·9	1001·7	..	290·3	299·4	10th	277·2	270·3	25th	283·7	*283·9*	+ 1·1	19	-22
548	Meshed	36 17	59 38	946	..	..	..	287·4	300·3	15th	275·8	269·9	26th	281·6	..	+ 0·8	35	..
549	Seistan	31 0	61 30	?610	956·6	..	..	300·2	308·2	16th	283·5	274·8	1st	291·8	..	+ 3·1	2	- 9
550	Quetta	30 12	67 0	1647	837·1	..	+ 0·9	296·1	301·4	13th	278·9	271·8	3rd	287·5	*287·7*	+ 3·9	1	-46
551	Peshawar	34 2	71 37	**355	973·6	1014·7	- 0·2	301·7	306·4	20th	285·1	279·1	3rd	293·4	*293·0*	+ 3·0	55	- 2
551a	Lahore	31 34	74 20	214	987·5	1012·3	- 0·2	304·8	308·7	31st	287·1	279·1	2nd	295·9	*295·8*	+ 2·3	0	-22
552	Simla	31 7	77 8	2202	793·1	..	+ 2·3	289·4	292·6	23rd	281·7	276·8	1st	285·6	*285·8*	+ 2·5	15	-52
552a	Leh	34 10	77 42	3503	669·1	..	+ 3·5	282·7	287·9	19th	268·1	262·1	4th	275·4	*274·7*	+ 2·1	9	+ 2
559	Hankow	30 35	114 17	37·0	1018·1	1022·6	+ 1·0	290·5	304·2	23rd	279·3	270·7	4th	284·9	*284·6*	+ 1·2	52	-40
560	Tientsin	39 9	117 9	6·4	1022·3	1023·0	+ 0·9	284·6	294·9	21st	272·8	266·2	4th	278·7	*279·6*	+ 0·8	0	-10
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1021·0	1021·8	+ 0·6	288·9	302·8	23rd	276·8	268·3	14th	282·8	281·6	+ 0·8	9	-78
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1011·4	1020·2	- 0·4	281·4	290·6	25th	272·7	264·7	3rd	277·1	276·6	+ 0·8	10	-11
562a	Nagasaki	32 44	129 52	133	1003·2	1019·4	+ 0·5	286·6	293·9	24th	278·4	273·2	4th	282·5	282·2	+ 0·1	121	-71
563	Kyoto	35 1	135 44	42·9	1012·9	1018·2	+ 0·4	285·4	293·4	23rd	273·7	267·1	7th	279·5	278·9	- 0·3	42	-62
564	Tokyo	35 41	139 46	5·8	1014·8	1015·5	- 0·9	285·4	295·4	24th	274·3	267·6	4th	279·9	280·1	+ 0·2	50	-46
565	Hukusima	37 45	140 28	68·5	1007·3	1015·8	- 0·7	283·6	296·4	28th	271·1	266·5	8th	277·3	278·6	- 0·3	27	-74
566	Miyako	39 38	141 59	30·4	1009·5	1013·3	- 2·3	282·0	294·0	28th	270·7	262·9	17th	276·3	275·6	0·0	14	..
		N.	E.															

MARCH – ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
601	Midway Island	28 13	177 22	5·8	1020·6	1021·3	+ 2·6	293·9	298·6	10th	287·3	283·0	31st	290·6	*290·1*	- 1·5	36	-69
605	Honolulu	21 19	157 52	11·6	1016·0	1017·3	+ 0·1	298·3	299·7	22nd	293·2	290·8	6th	295·7	*295·6*	+ 0·9	7	-56
613	Guaymas	27 55	110 53	8·3	1013·5	1014·5	..	297·9	306·3	28th	286·6	283·0	14th	292·2	*292·3*	- 2·2	12	..
615	Leon	21 7	101 41	1809	819·6	1009·0	- 1·6	300·2	305·7	28th	280·6	275·4	15th	290·4	*290·4*	- 0·9	0	-11
616	Monterry	25 40	100 18	528	950·4	1009·9	- 3·7	300·1	308·1	7th	288·0	278·5	2nd	294·1	*293·7*	+ 1·4	34	+15
617	Tulancingo	20 5	98 22	2181	788·3	..	- 0·9	298·9	303·4	27th	280·8	272·0	6th	289·9	*288·2*	+ 0·2	0	-23
618	Galveston	29 18	94 50	16·5	1012·7	1014·9	- 2·5	293·6	299·1	29th	288·4	280·2	2nd	291·0	*290·7*	+ 1·2	91	+52
618a	New Orleans	29 57	90 4	16·2	1013·9	1015·9	- 1·4	296·3	305·2	23rd	287·7	279·1	10th	292·0	*291·5*	+ 1·6	159	+44
619	Mérida, Yucatan	20 58	89 38	22	1010·3	1012·8	- 2·4	305·5	309·4	14th	294·5	289·0	7th	300·0	*299·5*	+ 1·6	3	-29
620	Havana	23 7	82 25	77·0	1006·7	1015·6	- 1·7	301·7	304·9	23rd	292·9	286·1	7th	297·3	296·8	..	42	..
620a	Key West	24 33	81 48	6·7	1016·0	1016·6	- 1·1	300·1	302·4	16th	294·4	286·9	7th	297·3	*296·8*	+ 1·6	32	-2
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·6	- 0·6	300·9	303·0	5th	293·4	289·1	9th	297·1	*296·9*	+ 1·3	59	+30
622	Watling Island(San Salvador)	24 6	74 26	33·5	1015·2	1019·1	+ 0·5	..	303·0	2nd	..	293·0	11th	..	*297·6*	+ 0·5	..	..
633	Port Etienne	20 56	17 3	4	1017·3	1017·8	..	297·6	304·0	1st	286·9	285·7	25th	292·3	*290·6*	..	0	-33
634m	Izaña	28 19	16 30	2367	765·8	..	+ 0·2	281·2	285·9	1st,15th	273·4	268·2	31st	277·3	*277·6*	+ 0·5	30	-24
634	La Laguna	28 28	16 20	547	952·8	1016·3	- 1·7	291·0	298·3	1st	283·2	279·4	12th	287·1	*286·5*	+ 0·9	42	..
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	296·4	301·9	18th	281·2	276·2	15th	288·8	..	- 0·8	0	-1
642	Siwa	29 12	25 29	-23	1018·8	1016·0	- 0·7	297·0	305·9	17th	280·3	274·8	11th	288·6	*287·6*	- 0·8	1	..
643	Cairo (Helwan)	29 52	31 20	116	1002·4	1016·0	+ 0·6	295·7	304·3	7th	282·8	277·5	10th	289·2	*289·1*	- 1·0	0	-6
643a	Aswan	24 2	32 53	100	1000·2	1011·6	- 2·1	302·6	312·4	28th	286·2	282·0	21st	294·4	*293·8*	- 0·3	..	..
644	Tor	28 14	33 37	1·9	1013·5	1013·8	+ 0·2	296·2	304·5	29th	284·5	280·2	11th	290·4	*290·3*	- 0·8	0	-2
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 339m. to 355m. from March 1st.

†Estimates not based on at least six equally spaced observations each day are in italics.
✠Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	29 0	50 50	4·3	1013·8	1014·3	..	295·7	306·8	31st	287·9	283·6	1st,25th	291·8	*291·2*	+ 0·2	0	-24
648	Jask	25 45	57 45	4·0	1011·5	1011·8	..	301·3	304·5	23rd	293·5	290·7	5th	297·4	*296·8*	+ 1·6	0	-20
649	Karachi	24 53	66 57	4·0	1011·9	1012·5	- 0·9	302·0	308·0	11th	293·8	288·9	1st	297·9	*297·3*	+ 1·4	0	- 8
650	Jacobabad	28 17	68 29	56·7	1005·2	1011·7	- 0·6	309·7	313·1	23rd	291·1	281·6	3rd	300·4	*299·9*	+ 3·4	0	- 6
651	Jaipur	26 56	75 52	436	964·2	1012·9	+ 0·6	308·3	312·3	25th	290·3	283·7	5th	299·3	*299·2*	+ 2·3	0	- 9
652	Nagpur	21 8	79 5	310	977·5	1012·4	+ 0·4	310·4	314·4	27th,30th	291·7	286·1	13th	301·1	*300·7*	+ 0·1	0	-13
653	Allahabad	25 25	81 51	94·2	1000·9	1011·7	- 0·1	307·9	313·7	25th,27th	289·9	284·1	6th	298·9	*298·5*	+ 1·0	0	- 8
653a	Darjeeling	27 3	88 15	2265	777·5	..	+ 2·0	288·0	291·7	21st	280·4	276·2	10th	284·2	*284·4*	+ 1·7	77	+30
654	Calcutta	22 32	88 20	6·4	1011·5	1012·3	+ 0·6	306·6	312·4	28th	294·2	288·0	6th	300·4	*299·9*	+ 0·7	66	+29
655	Gauhati	26 8	91 41	59·7	1007·3	1014·2	+ 1·3	303·1	308·0	22nd	289·4	284·6	4th	296·3	*295·4*	+ 0·9	77	+19
655a	Cherrapunji	25 15	91 42	1313	870·7	..	+ 1·3	294·2	297·4	22nd	286·7	283·1	13th	290·4	*289·7*	+ 1·3	150	-89
656	Akyab	20 11	92 56	6·1	1012·3	1012·9	+ 0·5	303·8	307·6	6th	292·6	287·6	6th	298·2	*298·3*	- 0·6	0	-12
656a	Mandalay	21 59	96 0	76·2	1003·8	1012·5	+ 0·9	309·7	314·1	29th	293·5	288·9	6th	301·6	*301·2*	+ 0·3	8	+ 4
656b	Tengyueh	25 2	98 33	1626	838·1	1013·5	..	294·5	296·9	31st	278·9	275·2	5th	286·7	*286·3*	+ 0·6	40	0
657	✠Phu Lien	20 48	106 36	116	..	1016·9	+ 2·5	295·6	301·4	19th	289·2	283·7	5th	292·4	291·8	- 0·2	56	+11
658	✠Moncey	21 31	107 51	9·0	..	1016·9	+ 2·3	296·4	303·1	28th	288·0	282·3	5th	292·2	*291·5*	+ 0·3	26	-44
659	Hongkong	22 18	114 10	33·2	..	1017·5	+ 1·8	294·4	301·4	27th	289·2	284·1	4th	291·8	291·3	+ 1·0	13	-62
660	Amoy	24 26	118 4	4·9	1019·9	1020·5	+ 1·1	292·1	298·6	24th,25th	286·5	281·9	3rd	289·3	*289·1*	+ 0·5	22	-67
661	Taihoku, Formosa	25 2	121 31	9·3	1018·2	1019·3	+ 1·6	295·2	303·4	24th	286·3	282·7	8th	290·7	290·3	+ 0·3	21	-152
661a	Basco	20 28	121 59	18·7	..	1015·2	+ 1·6	298·4	304·0	28th	293·7	290·3	14th	296·1	295·7	- 1·2	35	-78
662	Naha	26 12	127 39	29·5	1015·0	1018·5	+ 1·1	292·5	297·7	24th	287·2	283·7	14th	289·9	89·9	- 1·0	143	-12
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1017·1	1017·6	+ 0·6	293·8	296·3	2nd	288·2	283·0	17th,23rd	291·0	290·9	- 0·4	156	+48
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

MARCH – ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
715	Colima	19 12	103 45	498	957·4	1013·8	+ 1·6	304·8	309·4	24th	285·8	282·0	16th	295·3	*293·8*	- 2·6	0	0
716	Morelia	19 42	101 7	1923	808·4	1008·5	- 1·1	297·1	301·5	27th	282·0	278·4	15th	289·5	*289·8*	- 0·6	0	-11
717	Mexico, Tacubaya	19 24	99 12	2309	773·2	..	- 1·1	299·9	304·6	24th	279·0	274·7	6th	289·5	288·9	+ 0·6	0	-10
718	Salina Cruz	16 12	95 12	56	1004·5	1010·9	- 1·5	301·9	306·3	29th	295·6	292·2	7th	298·7	*298·9*	- 0·4	0	- 9
719	San Salvador	13 42	89 13	682	936·2	1011·6	- 0·8	307·8	310·2	16th	289·9	285·0	7th	298·9	*296·3*	- 0·4	12	- 1
720	Belize	17 31	88 11	5·2	1012·5	1013·1	- 1·9	..	..	..	296·4	289·1	7th	..	‡*298·0*	- 0·1	1	-31
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·0	+ 0·2	303·3	305·6	11th	293·7	291·6	4th	298·5	*298·0*	+ 0·7	174	+103
722	Port au Prince	18 33	72 20	37·4	1011·2	1015·5	- 0·1	304·6	306·9	4th,21st	293·8	291·7	5th	299·2	*298·6*	+ 0·2	198	+104
723	✠Caracas	10 30	66 56	1043	899·4	1014·3	..	298·7	301·0	1st	286·5	283·7	7th	292·6	*291·2*	- 0·6	19	+ 4
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·7	1016·6	+ 0·2	299·7	301·3	10th	294·4	292·4	17th	297·0	*296·9*	0·0	63	-17
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·8	1013·5	0·0	302·6	304·1	28th	295·3	293·6	5th	298·9	*298·4*	+ 0·5	26	-42
725	Barbados	13 8	59 36	57·9	..	1014·9	+ 0·2	302·3	303·9	11th	293·6	291·9	13th	297·9	*297·6*	- 0·2	18	-30
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·9	1014·2	- 0·4	297·3	298·8	3rd,6th	293·3	292·5	3,12,13	295·3	*295·3*	+ 0·9	0	- 1
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·2	1015·2	+ 0·6	299·4	303·0	9th	293·7	292·7	14th	296·5	*296·4*	+ 0·2	0	- 2
733	✠Dakar	14 40	17 26	32	..	1011·4	..	300·5	310·0	25th	291·3	290·2	5th,20th	295·9	*293·9*	+ 0·8	0	0
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	298·6	310·2	25th	291·9	290·8	19,20,21	295·3	*294·9*	- 2·0	0	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	308·3	315·0	31st	291·3	287·0	27th	299·8	*299·6*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	314·1	316·3	28th,29th	295·3	290·2	8th	304·7	*304·5*	+ 1·2	0	- 3
738	Kaduna Capitel	10 32	7 25	?637	..	..	..	308·4	310·2	6th	293·5	288·6	15th	300·9	*300·6*	+ 0·3	19	+ 5
739	Hadeija	12 40	10 5	?	..	..	..	312·0	316·3	27,29,30	290·4	285·2	15th	301·2	*300·9*	- 0·4	0	0
740	Maiduguri	11 47	13 11	361	..	..	..	313·9	318·6	29th,31st	293·2	288·6	13th	303·6	*303·3*	+ 1·0	0	0
741	✠El Fasher	13 32	25 18	730	925·9	1006·3	..	311·0	315·0	29,30,31	..	..	..	..	‡*296·9*	..	0	- 1
743	El Obeid	13 11	30 14	563	945·5	1008·2	0·0	309·8	313·8	31st	289·8	283·2	12th	299·8	*298·9*	+ 1·3	0	- 2
743a	Khartoum	15 37	32 33	390	964·4	1007·4	- 1·1	310·2	314·8	8th	292·6	288·6	12th	301·4	*301·8*	+ 1·4	0	0
744	Port Sudan	19 37	37 13	5·5	1011·9	1012·6	+ 0·6	302·0	304·5	30th	292·9	289·0	26th	297·4	*297·3*	+ 0·5	0	- 1
745	✠Berbera,Somaliland	10 22	45 2	13·6	1010·1	1011·7	- 0·7	302·7	305·2	29th	295·6	293·0	11th	299·1	*299·2*	- 0·2	0	-16
746	Aden	12 45	45 3	29·9	1009·8	1013·1	- 0·3	304·4	307·6	29th	295·6	293·9	10th	300·0	*299·3*	+ 0·6	0	-12
751	Bombay	18 54	72 49	11·3	1010·6	1011·8	- 0·9	305·1	308·7	21st	296·9	294·5	1st	301·0	300·7	+ 1·6	1	- 1
752	Kodaikanal	10 14	77 28	2343	772·3	..	0·0	293·2	295·7	29th	282·2	279·3	1st	287·7	*287·3*	- 0·4	9	-42
752a	Bangalore	12 59	77 38	921	911·9	1011·8	+ 0·3	306·3	309·7	29th	290·7	287·3	2nd	298·5	*298·1*	+ 0·2	0	-13
753	Madras	13 4	80 14	6·7	1011·6	1012·4	- 0·2	304·8	307·0	28th	295·2	291·4	9th	300·0	*299·2*	- 0·2	0	- 5
754	Vizagapatam	17 42	83 19	11·6	1011·5	1012·6	+ 0·4	303·4	305·6	25th	296·7	293·2	7th	300·1	*299·2*	- 0·7	0	- 6
765	Port Blair	11 40	92 40	18·0	1009·8	1011·8	- 0·3	303·7	304·9	6th	298·3	297·1	20th	301·0	*300·1*	- 0·3	129	+110
766	Rangoon	16 46	95 48	5·5	1012·0	1012·7	+ 0·4	307·8	309·9	30th	296·1	292·3	2nd	301·9	*300·4*	+ 0·2	11	+ 3
767	Cap St. Jacques	10 20	107 5	180	..	1011·4	..	301·6	306·1	29th	295·9	294·4	4th,17th	298·8	*298·4*	- 0·7	0	- 4
768	Nhatrang	12 15	109 12	3·6	..	1013·0	..	301·9	304·3	30th	294·5	291·2	20th	298·2	*297·7*	- 0·7	9	-43
769	✠Bolinao	16 23	119 53	2	..	1011·0	+ 0·4	304·7	307·5	25th	295·5	292·7	6th	300·1	*299·6*	- 0·7	0	-13
761	Vigan	17 34	120 23	12·2	..	1011·1	- 0·1	304·1	306·6	3rd	296·5	293·0	5th	300·3	299·8	- 0·2	0	- 8
761a	Manila	14 35	120 59	14·2	..	1011·7	+ 0·4	305·3	308·4	26th	294·3	292·6	6th	299·8	299·1	- 0·4	5	-13
762	Ormoc	11 0	124 36	5·6	..	1009·5	- 0·4	304·2	306·5	3rd	295·1	293·4	2nd	299·7	*299·3*	+ 0·3	272	+173
765	✠Guam Ladrone Is.	13 24	144 38	18·6	..	1010·0	+ 0·1	302·8	304·0	7th	297·6	296·0	17th	300·2	*300·1*	+ 0·3	118	+36
766	Saipan	15 14	145 46	207	988·8	1009·1	..	300·6	301·5	9th	295·4	293·9	1st	298·0	297·8	..	55	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
✠Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

MARCH – ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·4	1011·0	+ 0·3	303·1	304·7	11th	297·7	295·2	7th	300·4	*300·0*	- 0·2	283	+10
821	Cristobal	9 23	79 54	11·0	..	1011·5	- 0·5	303·3	304·1	1st	297·9	296·3	8th,18th	300·6	300·1	+ 0·8	66	+26
822	Bogota	4 36	74 5	2645	746·7	..	+ 0·9	292·1	295·2	23rd,25th	283·0	280·6	23rd	287·5	*286·9*	- 0·3	75	-29
822a	Merida, Venezuela	8 36	71 9	1641	‡ 841·7	..	..	296·9	298·5	22nd	288·2	286·0	2nd	292·6	*291·5*	+ 0·4	68	-23
823	Ciudad Bolivar	8 9	63 33	38	1007·3	1011·6	..	305·4	306·8	31st	295·6	293·9	16th	300·5	*299·9*	- 0·4	4	- 1
824	El Peru, Guayanaviejo	7 19	61 49	220	986·0	1010·9	- 0·1	303·5	305·8	20th	294·4	291·9	3rd	298·9	*298·3*	+ 0·8	28	-21
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·6	- 0·2	301·9	302·4	sev.dates	297·1	295·2	27th	299·5	*299·3*	+ 0·1	92	-83
826	Paramaribo	5 49	55 9	3·7	1012·2	1012·6	- 0·3	303·8	305·4	29th	294·8	292·2	24th	299·3	*299·3*	+ 0·6	69	-139
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	188	-214
831	10°-5°N. 30°-25°W.	††7 4	††27 4	§(103-126)	..	1012·7	+ 0·8	..	..	Sea Temp. 298·5|-0·2	..	..	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·2	1011·1	+ 0·4	304·2	308·9	31st	296·6	294·1	11th	300·4	*299·7*	- 0·6	13	-16
835	Azsuantsi	5 18	1 15	97·3	997·5	1008·6	..	305·0	306·9	16th	294·6	293·0	3rd	299·8	*299·1*	0·0	85	+27
836	Accra	5 33	W. 0 12	16·0	1007·0	1008·8	- 0·5	303·9	305·6	20th	297·5	295·2	2nd	300·7	*300·3*	0·0	75	..
837	Lagos	6 27	E. 3 24	3·0	1011·1	1011·5	+ 2·6	304·1	305·2	3rd	299·1	295·8	17th	301·6	*301·1*	0·0	44	-51
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	305·0	306·9	..	..	..	..	..	..	..	188	+39
839	∮Yola	9 12	12 30	259	..	..	..	312·5	314·7	26th	297·6	293·0	16th	305·1	*304·8*	+ 0·5	8	- 1
841	Wau	7 42	28 3	440	959·2	1007·2	- 0·2	..	..	..	293·2	289·5	12th,14th	..	*301·0*	- 0·3	8	-18
843	Malakal (Kodok)	9 35	31 37	394	962·3	1005·5	- 1·1	313·1	315·8	28th	295·4	291·0	25th	304·2	*302·9*	+ 0·6	3	- 6
843a	Mongalla	5 11	31 47	448	956·7	1006·0	- 0·9	311·3	316·3	4th	295·7	293·2	15th	303·5	*302·4*	+ 1·0	11	-28
844	Entebbe	0 5	32 29	1171	882·7	1008·1	- 0·5	299·6	304·1	4th	291·2	289·1	8th	295·4	*295·4*	+ 0·6	183	+31
845	Sheikh	9 55	45 15	1463	..	..	..	298·7	301·3	sev.dates	283·6	276·9	6th	291·1	..	..	0	-40
851	Minicoy	8 17	72 49	2·7	..	..	..	304·6	305·7	24th	297·7	296·6	27th	301·1	*300·2*	..	50	+23
851a	Cochin	9 58	76 21	2·7	1011·7	1011·9	- 0·1	304·5	306·3	9th	297·8	294·8	15th	301·2	*300·3*	- 0·8	100	+50
852	Colombo Observatory	6 54	79 52	7·3	..	1010·1	+ 0·1	303·6	305·1	7th	296·1	293·9	1st	299·8	*298·9*	- 0·2	170	+61
853	Nuwara Eliya	6 58	80 46	1881	814·9	1014·1	+ 1·4	294·2	296·6	22nd	281·7	277·7	1st	287·9	*286·8*	+ 0·2	153	+66
854	Trincomalee	8 35	81 15	30·2	..	1010·2	+ 0·2	302·2	304·4	26th	298·1	295·6	1st	300·1	*299·2*	0·0	54	+15
855	Kuta Raja	5 32	95 20	7·1	..	1009·0	- 1·6	..	..	..	..	..	..	..	..	..	105	+13
856	Medan	3 35	98 41	25	..	1008·6	- 0·6	304·2	306·5	12th	295·6	293·8	10th	299·9	299·3	+ 0·5	77	-28
857	Penang	5 34	100 20	5·0	..	..	..	306·4	307·4	sev.dates	294·8	293·0	1st	300·6	*299·8*	- 0·7	191	+72
858	Singapore	1 18	103 51	10·9	..	..	..	303·6	305·1	22nd	296·1	295·2	4th	299·8	*299·3*	- 0·5	275	+87
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	..	..	..	303·3	305·8	20th	295·4	293·6	sev.dates	299·3	298·3	..	207	+113
860	∮Iwahig	9 44	118 38	14·3	998·8	1009·1	- 0·8	302·8	303·6	24th,29th	296·4	295·2	27,28,31	299·6	*300·1*	- 0·6	326	-49
861	Tagbilaran	9 38	123 51	21·3	..	1009·6	+ 0·1	304·4	305·5	26th,31st	294·7	292·4	17th	299·5	*299·5*	+ 0·1	2	..
861a	Menado	1 30	124 50	8·5	..	1009·3	- 0·7	303·5	306·6	27th	296·0	294·5	15th	299·7	298·9	- 0·3	158	+74
862	Surigao	9 48	125 29	6	..	1009·3	- 0·5	302·2	304·2	4th	295·8	294·2	9th	299·0	298·4	- 0·3	402	+87
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·8	- 0·6	301·3	304·1	30th	297·1	296·0	11th,30th	299·5	298·9	0·0	688	+361
864	Palau	7 20	134 29	31·8	..	1010·2	+ 1·1	302·8	305·2	20th	297·6	295·8	2nd	300·2	299·6	- 0·1	199	+74
867	Ponape	6 58	158 13	38·9	1006·1	1009·7	..	303·1	304·0	29th	297·5	296·2	1st	300·3	299·9	..	143	..
		N.	E.		1005·0	1009·4	..	302·3	303·5	7th	297·7	295·5	12th	300·0	299·8	..	386	..

MARCH – ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	S. 8 32	W. 172 31	1·8	..	1009·9	..	303·3	305·3	21st,30th	299·5	297·4	17th	301·4	..	..	316	..
920	Lambayeque	6 46	80 55	15	..	..	..	306·2	308·2	8th,23rd	293·6	292·0	25th	299·9	298·4	..	11	..
921	Quito	0 14	78 30	2816	727·8	..	+ 0·2	292·7	295·6	24th	281·3	279·2	22nd	287·0	285·3	- 0·5	238	+79
924	Manaos	3 8	60 1	43·8	..	..	..	302·3	304·6	5th,6th	294·6	293·2	4th,15th	298·4	*298·0*	- 0·9	339	+79
926	Taperinha	2 30	54 20	21·0	1008·0	1011·5	+ 0·3	302·2	304·6	17th	295·3	294·4	3rd	298·9	*298·1*	0·0	386	+56
927	Turyassu	1 43	45 26	9·1	1009·5	1010·6	- 0·1	303·1	306·6	1st	294·4	293·0	16th	298·8	*298·0*	- 0·4	561	+139
928	Barra do Corda	5 30	45 16	81·0	999·8	1009·1	- 0·7	303·9	305·5	24th	294·9	293·5	17th	299·4	*298·3*	+ 0·2	340	+171
929	Quixeramobim	5 16	39 15	207	988·0	1011·4	0·0	302·9	305·6	10th	297·2	295·5	1st	300·0	*299·7*	- 0·3	176	+ 6
930	Fernando Noronha	3 50	32 25	106	999·0	1010·8	- 0·7	301·0	302·4	18th,20th	297·1	294·3	2nd	299·0	*298·8*	- 0·1	362	+166
934	∮Ascension Island	7 56	W. 14 25	16·8	1010·5	1012·3	- 0·5	303·9	305·8	5th,6th	297·9	296·3	18th	300·9	*299·9*	+ 0·1	7	- 9
939	Loanda	8 49	E. 13 13	51	..	1009·7	- 0·5	302·1	303·3	2nd	297·0	295·3	28th	299·5	299·1	0·0	169	+104
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·6	296·3	..	283·3	281·9	..	288·5	*288·9*	..	231	..
943	Masaka	0 20	31 44	1280	..	..	..	299·7	303·0	19th,29th	289·2	286·9	15th	294·4	..	..	199	+91
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·0	1010·5	..	298·8	301·7	11th	286·5	283·6	28th	292·6	292·0	+ 0·8	27	-101
944a	Zanzibar	6 10	39 11	17·1	1010·2	1012·3	- 0·1	304·0	305·9	5th	299·7	297·1	20th	301·9	*301·3*	+ 0·5	211	+57
945	Lamu	2 16	40 50	3·0	..	..	..	302·4	304·7	31st	298·6	295·8	14th	300·5	*300·2*	- 0·5	3	-16
947	Seychelles, Port Office	4 37	55 27	4·6	1009·9	1010·4	- 0·2	302·7	304·1	14th	297·2	295·4	8th	299·9	*299·4*	- 0·4	375	+145
957	Padang	0 56	100 22	6·7	..	1010·2	- 0·4	303·8	305·5	7th	296·7	295·2	28th	300·3	299·7	+ 0·2	207	-101
958	Batavia	6 11	106 50	8·0	1008·4	1009·3	- 0·5	302·9	305·4	26th	296·4	295·4	13th	299·7	299·1	+ 0·1	270	+72
958a	Pontianak	0 1	109 20	2·6	..	1009·0	- 1·1	305·2	306·8	3rd	297·2	295·8	22nd	301·2	300·1	+ 0·5	184	-51
959	Pasuruan	7 38	112 55	5·0	..	1008·6	- 0·9	303·4	304·7	3rd	296·8	295·6	30th	300·1	299·3	- 0·1	414	+201
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	477	+17
962	Amboina	3 42	128 10	4·2	..	1008·3	- 0·1	302·9	305·9	2nd	297·5	296·5	24th	300·2	299·7	- 0·1	163	+28
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	122	-216
965	Daru	9 4	143 13	7·6	..	1009·0	- 0·6	303·9	..	..	..	..	..	..	..	..	292	-31
966	Port Moresby	9 29	147 9	38·4	..	..	..	306·0	..	..	296·3	..	..	300·1	*299·6*	0·0	37	-139
967	Rabaul	4 9	152 12	12·5	1006·6	1008·1	0·0	305·8	307·3	16th	298·6	..	..	302·3	*301·8*	+ 1·7	313	+65
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	304·4	305·8	4th,10th	296·1	294·3	9th	300·9	*300·3*	+ 0·4	155	-211
970	Ocean Island	0 52	169 35	42·6	1004·7	1009·6	- 0·4	305·3	306·3	26th	297·5	296·3	1,8,21	300·9	*300·6*	+ 0·2	53	-141
											298·7	297·4	2nd	302·0	*301·4*	+ 1·1		
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.
§Number of observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

MARCH – ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samon	13 48	171 46	2·0	..	1009·5	+ 0·4	302·5	304·0	11th	296·4	293·9	8th	299·4	299·4	- 0·2	301	-54
1003	∮Alofi, Niue Island	19 2	169 55	19·8	..	1010·4	- 0·6	303·3	304·7	2,7,30	294·2	291·3	9th	298·7	*298·4*	- 1·2	377	+61
1021	Lima	12 5	77 3	111	996·3	1009·1	..	302·0	303·9	12th	292·3	290·2	21st	297·1	295·5	..	2	..
1022	Arica	18 28	70 20	5	..	..	..	..	..	..	291·6	287·0	30th	..	..	..	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·3	..	- 0·5	289·3	292·8	..	278·4	276·6	..	283·9	*283·2*	- 0·1	100	+29
1055	Corumba	18 59	57 39	116	997·0	1010·0	+ 1·1	304·2	308·0	4th	293·5	284·8	31st	298·8	*298·1*	- 1·3	71	-60
1056	Cuyaba	15 36	56 6	165	991·2	1009·9	+ 0·6	305·0	308·9	28th	295·1	288·6	31st	300·0	*298·6*	- 0·1	222	+11
1057	Bello Horizonte	19 56	43 56	855	913·5	1012·2	- 0·5	301·1	304·2	27th	291·6	290·4	17th	296·4	*295·4*	+ 0·6	147	-39
1058	Castitte	14 3	42 37	897	915·1	1013·0	+ 0·6	302·3	305·7	19th	290·9	288·9	12th	296·6	*296·1*	+ 0·1	14	-88
1059	Ondina (Bahia)	13 0	38 31	46·6	1006·0	1011·4	- 0·9	304·3	305·3	21st	297·1	295·9	29th	300·7	*300·3*	+ 1·2	33	-118
1060	Aracaju	10 55	37 3	6·1	1013·0	1013·8	+ 0·7	303·4	304·5	20th	296·8	294·7	30th	300·1	*300·0*	..	49	..
1025	St. Helena	15 57	W. 5 40	579	945·8	1012·3	+ 0·1	292·1	294·1	19th	288·5	287·4	14th,19th	290·3	*290·3*	- 1·8	94	..
1039	Mossamedes	15 12	E. 12 9	12·5	1010·0	1011·5	..	..	303·4	4th	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	905·8	1011·0	..	302·2	306·9	31st	291·1	284·1	27th	296·6	..	..	100	..
1042	Elisabethville	11 39	27 28	1230	877·2	1008·3	+ 0·2	300·8	303·0	10th	289·0	284·3	30th	294·9	..	- 0·1	143	-77
1043	Gwelo	19 26	30 2	1411	..	..	..	297·1	300·9	sev.dates	287·1	279·7	26th	292·1	..	- 1·2	151	+86
1044	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·4	1012·5	+ 0·4	297·1	300·2	3rd	287·8	283·2	25th	292·5	291·7	- 0·7	152	+33
1045	Zomba	15 23	35 18	955	905·3	1009·1	- 0·1	298·2	300·8	22nd	290·8	287·4	28th	294·5	*293·9*	- 0·3	302	+71
1046	Mossuril	14 57	40 40	15	..	1010·8	..	302·9	306·4	..	296·1	295·1	27th	300·5	300·0	..	145	..
1047	Antenanarivo	18 55	47 33	1375	864·3	1011·2	+ 1·1	299·8	302·1	17th	288·3	286·7	7th	293·9	293·4	+ 0·7	92	-93
1055	Cocos, Keeling Is.	12 5	96 53	4·5	1009·9	1010·8	+ 0·1	303·7	305·3	5th	298·9	297·4	6th	301·3	*300·9*	+ 0·6	179	-49
1057	Christmas Island	10 25	105 43	5·5	1006·2	1006·9	- 0·3	303·1	305·8	5th	297·5	295·8	15th	300·3	*299·9*	- 0·4	282	+16
1061	Kupang	10 10	123 34	45	1003·9	1009·0	- 0·2	303·5	305·4	23rd	296·5	295·7	9th	300·0	299·3	- 0·2	315	+93
1062	Derby	17 18	123 40	16·2	1007·0	1009·0	+ 0·3	305·8	309·1	12th	297·8	294·1	7th,31st	301·8	..	- 1·3	230	+121
1063	Hall's Creek	18 13	127 46	373	967·8	1008·9	+ 0·1	306·8	312·4	4th	296·2	288·9	31st	301·4	*301·0*	+ 0·1	118	+42
1064	Darwin	12 28	130 51	29·6	1004·0	1007·4	0·0	305·4	308·0	22nd	297·6	295·1	12th	301·5	*300·4*	- 0·4	270	+18
1065	Daly Waters	16 16	133 23	211	984·1	1007·5	0·0	308·2	311·3	11th	296·2	292·4	31st	302·2	*301·8*	+ 0·5	88	-32
1066	Palmerville	15 56	144 8	210	984·5	1007·9	- 0·1	304·9	309·0	7th	295·5	291·8	21st	300·2	..	+ 0·2	157	-27
1067	Georgetown, Queensland	18 22	143 32	302	976·2	1009·3	+ 0·6	305·4	309·1	18th	295·1	291·9	17th,20th	300·3	..	+ 0·3	132	+ 8
1068	Willis Island	16 18	149 59	8·5	1007·7	1008·3	..	303·0	304·4	5th,7th	298·5	295·8	30th	300·8	*301·0*	..	104	..
1047	Samarai	10 37	150 40	6·1	..	1009·0	+ 1·1	..	..	..	298·5	..	..	..	‡*302·9*	+ 2·0	107	-165
1072	Suva, Fiji	18 8	178 26	6·1	1008·5	1009·2	+ 0·8	303·1	305·2	7th	296·6	294·1	14th	299·8	*299·5*	+ 0·1	306	-62
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

MARCH – ZONE 11 (AMERICA, AFRICA).

1026	∮Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	302·3	303·6	8th	295·8	291·9	31st	298·9	*298·6*	+ 0·2	311	+17
1051	Punta Tortuga, Coquimbo	29 55	71 22	25	1012·3	1015·1	+ 0·3	292·1	294·4	1st	285·9	285·0	14th	289·0	*289·2*	- 0·1	1	0
1052	Antofagasta	23 42	70 24	94	..	..	..	..	..	..	..	..	..	..	..	..	0	0
1053	Catamarca	28 27	65 47	510	951·8	1008·6	- 0·7	305·9	313·2	2nd,18th	289·2	281·4	11th	297·8	*296·9*	0·0	33	-12
1054	Salta	24 46	65 28	1182	882·2	1010·1	+ 0·8	299·4	306·8	2nd	287·4	281·0	31st	293·4	293·0	+ 0·1	184	+81
1055	Goya	29 9	59 15	37	1009·0	1013·3	+ 1·8	304·0	311·5	5th	290·8	282·5	21st	297·4	*296·5*	- 0·2	53	-88
1056	Asuncion	25 17	57 41	93	1003·2	1013·8	+ 3·2	305·5	313·0	6th	293·4	283·5	30th	299·4	*298·8*	+ 0·2	168	+34
1057	Curityba	25 25	49 17	908	913·5	1014·2	+ 0·1	297·1	302·9	6th	288·0	278·5	31st	292·6	*291·4*	- 0·7	84	-30
1058	Rio de Janeiro	22 54	W. 43 10	18·3	1010·6	1012·7	- 0·1	301·5	308·0	7th	295·0	292·5	22nd	298·2	297·7	- 0·3	162	+27
1038	Windhoek	22 34	E. 17 6	1727	830·0	1010·2	..	299·9	303·3	4th	287·5	283·7	16th	293·8	*293·3*	- 0·3	110	+25
1040	O'Okiep	29 36	17 52	933	909·9	1012·1	- 0·2	301·8	308·0	4th	289·3	283·0	7th	295·4	*294·8*	+ 0·6	22	+11
1041	Kimberley	28 44	24 46	1215	882·6	1014·8	+ 0·8	300·1	305·4	2nd	287·8	285·2	11th	293·9	293·2	- 0·6	142	+63
1042	Johannesburg	26 11	28 4	1806	824·9	1016·3	+ 0·6	294·8	299·4	19th	284·4	280·4	13th	289·5	*289·0*	- 0·9	95	-18
1043	Bulawayo	20 9	28 35	1349	867·0	1012·4	- 1·4	296·2	300·8	3rd	287·9	280·5	26th	292·1	*291·5*	- 1·5	178	+92
1044	Durban	29 52	31 3	15·2	1016·1	1017·9	+ 0·7	298·5	302·6	17th	292·6	288·6	14th	295·6	*295·0*	- 1·0	281	+145
1045	Lourenço Marques	25 58	32 36	59·5	..	1016·0	+ 1·0	300·7	307·6	1st	292·5	289·1	13th	296·6	296·2	- 1·3	181	+75
1047	Mauritius	20 6	57 33	55·2	1006·7	1013·0	+ 1·0	301·9	303·8	18th	295·2	294·1	11th,25th	298·5	298·2	- 0·1	91	-147
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

MARCH - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1005·9	1006·4	- 1·9	306·0	315·2	1st	297·3	292·7	30th	301·7	..	- 0·5	134	+96
1160	Cue	27 27	117 52	454	961·7	1012·2	+ 1·4	304·9	312·6	10th	291·9	286·9	28th	298·3	..	- 1·6	6	-20
1161	Nullagine	21 53	120 5	386	..	..	..	307·8	315·2	1st,2nd	296·6	288·6	29th	302·2	..	+ 0·1	84	+29
1162	Laverton	28 40	122 23	466	962·7	1015·2	+ 1·7	302·6	314·1	1st	289·0	283·4	26th	295·8	*295·7*	- 1·9	93	+54
1163	Alice Springs	23 38	133 37	587	946·9	1011·9	+ 0·8	302·2	312·4	3rd	290·7	283·3	31st	296·4	*296·7*	- 1·5	62	+31
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	993·5	1009·8	+ 1·1	307·5	314·0	2nd	295·3	287·4	18th	301·4	*301·7*	+ 0·1	90	+80
1165	Thargomindah	27 58	143 43	123	997·5	1011·3	- 0·4	305·7	313·2	4th	293·9	283·6	28th	299·8	*299·6*	+ 0·5	0	-22
1166	Mitchell	26 32	147 52	336	974·3	1012·0	- 0·4	304·3	312·2	4th	290·7	281·9	29th	297·5	..	+ 1·1	63	-11
1167	Rockhampton	23 24	150 30	11·3	1010·1	1011·5	- 0·3	303·7	312·0	5th	294·9	290·0	29th	299·3	*298·7*	+ 0·5	93	-27
1168	Brisbane	27 28	153 2	41·3	1009·4	1013·3	- 0·7	301·2	310·1	4th	292·4	289·1	31st	296·8	*295·8*	+ 0·3	167	+80
1170	Norfolk Island	29 4	167 59	14·9	1013·9	1015·9	+ 1·5	298·3	301·6	2nd,3rd	293·9	291·9	20th,21st	296·1	*295·7*	+ 1·3	155	+86
		S.	E.															

MARCH - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	S. 33 37	W. 78 52	6	1019·2	1019·9	..	293·9	297·8	17th	..	..	..	*290·5*	..		26	-22
1221a	Punta Tumbes	36 37	73 6	120	1001·3	1016·2	+ 1·3	289·8	292·6	3rd	282·7	280·6	19th	286·3	*286·3*	- 1·2	2	-18
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·6	1015·5	+ 0·9	291·7	297·5	3rd	284·2	282·9	14th	287·9	*287·5*	- 1·8	0	- 9
1222a	Santiago	33 27	70 42	520	953·3	1013·5	- 0·1	300·2	304·3	20th	281·7	279·2	10th	290·9	*289·6*	- 0·3	0	- 5
1223	Cordoba	31 25	64 12	423	964·2	1012·1	+ 0·3	304·5	311·9	18th	285·7	274·0	30th	295·1	294·7	+ 1·4	9	-79
1224	Bahia Blanca	38 45	62 15	25	1009·3	1012·2	- 1·0	301·5	310·5	12th	286·0	277·8	31st	293·8	293·9	+ 1·5	5	-65
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1011·3	1014·2	+ 0·2	299·9	305·3	18th	287·6	278·4	31st	293·6	293·4	0·0	36	-75
1226	Montevideo (Prado)	34 52	56 12	24·9	1009·4	1012·7	- 2·2	299·1	304·9	18th	287·2	281·4	27th	293·2	*293·0*	- 0·3	65	-15
1226a	Porto Alegre	30 2	W. 51 13	23·5	1011·1	1013·8	- 0·7	300·9	307·3	24th	290·0	283·2	22nd	295·5	294·9	- 0·9	35	-58
1239	Cape Town	33 56	E. 18 29	12·2	1014·2	1015·6	+ 1·4	298·8	307·8	24th	288·5	282·4	18th	293·7	*292·0*	+ 0·6	12	-10
1240	Danger Point	34 37	19 18	27·7	1011·9	1015·2	0·0	292·9	297·4	24th	286·3	283·6	9th	289·6	..	- 0·6	19	-10
1241	Riversdale	34 6	21 16	61·0	..	..	..	300·3	312·2	23rd	286·6	280·8	27th	293·4	..	- 0·4	15	-29
1242	East London	33 1	27 54	45·4	1012·4	1017·7	+ 2·7	296·1	301·3	15th	289·6	285·8	13th	292·9	..	- 0·4	125	+58
1259	Perth (Observatory)	31 57	115 51	60·0	1010·0	1017·1	+ 1·7	300·2	307·0	10th	288·4	283·2	12th	294·3	*293·8*	- 0·4	2	-18
1260	Katanning	33 42	117 35	310	982·8	1018·7	+ 2·8	298·3	307·3	10th	284·4	278·2	13th	291·4	..	- 0·8	3	-21
1261	Coolgardie	30 57	121 10	423	968·8	1017·0	+ 2·3	300·2	308·9	10th	285·8	282·4	13th	293·0	*292·9*	- 2·1	20	- 4
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1016·8	1018·3	+ 1·4	298·3	307·4	21st	286·2	281·3	17th,29th	292·2	*291·5*	- 1·3	6	-16
1264	Adelaide	34 56	138 35	42·7	1012·8	1017·9	+ 0·7	298·8	311·4	12th	287·7	282·3	29th	293·2	*292·7*	- 0·8	8	+43
1265	Melbourne	37 49	144 58	35·1	1012·3	1016·4	- 0·5	296·7	309·2	12th	285·7	280·8	9th	291·2	*290·8*	+ 0·1	100	-22
1266	Bourke	30 13	145 58	110	1002·7	1015·3	0·0	305·8	312·4	3rd	291·0	283·0	29th	298·4	..	+ 0·1	9	
1267	Sydney	33 51	151 13	42·1	1010·1	1015·2	- 1·2	297·1	305·5	8th	290·4	286·0	27th	293·8	*293·5*	+ 0·1	134	+ 7
1268	Lord Howe Island	31 20	159 0	4·0	1013·2	1013·6	- 2·8	297·3	300·5	6th	291·7	288·6	11th	294·5	..	- 0·4	231	+98
1271	Auckland	36 51	174 48	13·4	..	1016·4	- 1·2	295·3	298·3	2nd	289·4	286·4	31st	292·3	..	+ 1·0	143	+65
1272	Napier	39 29	176 55	1·5	..	..	..	294·6	301·1	14th	286·8	280·8	14th	290·8	..	+ 0·6	97	+15
		S.	E.															

MARCH - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 52	W. 176 42	45·7	..	1014·7	+ 2·0	..	..	..	..	..	..	..	..	..	114	+33
1321	♯Isla Guafo	43 34	74 45	140	1001·5	1018·4	+ 2·7	285·7	290·5	28th	281·4	278·1	8th	283·5	*284·2*	- 0·9	66	-16
1322	Punta Galera	40 1	73 44	40	1012·2	1017·0	+ 1·0	287·8	294·6	28th	282·9	281·4	25th	285·3	*285·7*	- 0·7	56	-57
1323	Sarmiento	45 34	69 0	272	978·4	1010·5	+ 0·4	294·2	300·9	11th	280·9	272·0	28th	287·6	287·4	- 0·3	0	-12
1324	♯Puerto Madryn	42 49	W. 64 56	14	1008·4	1010·1	- 1·1	297·4	305·7	14th	280·9	272·8	20th	289·2	289·9	- 0·5	7	- 5
1365	♯Launceston	41 27	E.147 10	10·1	1012·2	1013·3	- 1·2	293·3	299·7	12th	282·6	275·1	26th	288·0	*287·0*	- 0·9	37	- 4
1366	Hobart	42 53	147 20	53·9	1006·6	1012·9	- 1·1	292·4	304·0	12th	283·1	276·9	28th	287·8	*286·8*	- 0·4	26	-16
1369	Invercargill	46 25	168 21	3·7	..	..	..	289·9	296·9	25th	280·8	275·8	3,22,31	285·3	..	- 0·3	111	+10
1370	Alexandra	45 15	169 24	159	..	..	..	293·8	301·9	13th	281·2	274·9	2nd	287·5	286·9	..	26	..
1371	Dunedin	45 52	170 31	6·1	..	1014·2	+ 0·6	291·3	298·6	27th	281·6	278·6	3rd,31st	286·4	..	+ 0·3	190	+111
1371a	Christchurch	43 32	172 37	7·6	..	1013·3	- 1·8	291·2	299·1	26th	283·1	276·3	30th	287·2	..	- 0·2	89	+37
1372	Wellington	41 16	174 46	128	..	1015·3	- 1·4	291·6	295·8	18th	285·3	280·7	3rd	288·4	287·8	- 0·5	125	+40
		S.	E.															

MARCH - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islots de los Evangelistas	S. 52 24	W. 75 6	55	995·9	1002·6	+ 0·5	283·5	286·0	29th	278·8	274·5	6th	282·1	*291·7*	+ 0·3	343	+55
1422	Magallanes (Punta Arenas)	53 10	70 54	28	995·2	998·6	- 2·6	286·6	291·5	29th	279·1	275·0	9th	282·9	*282·5*	+ 0·6	37	-
1423	Punta Dungeness	52 24	68 26	5	998·3	998·9	- 1·9	286·3	291·6	14th	278·7	275·4	24th	282·5	*283·1*	+ 0·1	46	+56
1424	♯Santa Cruz	50 1	68 31	12	1001·6	1003·0	- 1·1	292·6	301·0	14th	280·5	275·8	25th	286·6	286·2	+ 0·7	17	+ 9
1425	♯Stanley, Falkland Is.	51 42	57 51	1·8	..	997·6	- 3·1	284·9	291·3	16th	276·4	272·4	1st,20th	280·7	..	- 0·3	70	+ 8
1426	Cape Pembroke	51 41	57 42	21·3	995·3	997·9	- 3·4	284·1	289·1	15th	277·3	274·1	20th	280·7	280·9	- 0·6	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	994·5	995·0	- 0·9	279·7	288·0	31st	273·5	269·9	28th	276·6	*276·3*	- 1·1	178	+43
		S.	W.															

MARCH - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	♯South Orkneys	S. 60 44	W. 44 39	7	990·4	991·3	+ 0·5	271·6	279·8	31st	267·7	263·0	5th	269·6	270·6	- 1·8	37	-10
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, APRIL 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF APRIL, 1928 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

APRIL - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
102	Barrow	71 23	156 17	4·6	..	1015·6	- 2·2	261·8	274·1	30th	253·5	241·9	7th	257·7	..	+ 3·4	7	+ 3
125	Upernivik	72 47	56 7	19·2	1016·0	1018·5	+ 2·6	264·8	274·9	26th	257·0	247·5	10th,11th	260·9	*260·6*	+ 2·1	2	-13
131	Myggbukta	73 30	21 30	3·2	..	1027·7	..	..	267·0	27th	..	239·7	19th	..	*254·2*	..	2	..
132	Scoresbysund	70 29	21 58	16·9	1019·9	1022·1	..	267·1	277·9	10th	258·3	252·5	19th	262·7	*262·6*	..	2	..
135	Jan Mayen	70 59	W. 8 18	23·1	1014·6	1017·5	+ 4·4	..	276·8	12th	267·3	260·3	23rd	..	*269·8*	- 1·1	30	+ 5
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1016·3	1018·2	+ 5·2	..	270·6	8th	247·2	231·0	13th	..	253·8	- 5·6	21	- 3
140	Björnöen	74 28	19 17	40·5	1010·5	1015·9	+ 3·3	..	274·0	10th	256·7	251·6	18th	..	*260·0*	- 6·2	8	-16
141	Ingöy	71 4	24 6	4·3	1010·0	1010·5	- 1·2	..	277·0	11th	267·3	262·2	19th	..	*269·4*	- 3·1	37	+ 5
142	Sletnes	71 5	28 14	10·2	1009·6	1010·9	+ 0·7	..	275·3	11th	265·3	260·7	18th	..	*269·2*	..	43	..
143	Vardö	70 22	31 8	11·8	1008·9	1010·4	- 1·2	..	275·8	11th	265·8	258·6	18th	..	*268·2*	- 3·4	36	- 4
147	Malye Karmakouly	72 23	52 43	15·3	1006·4	1008·4	- 4·6	..	..	..	..	..	..	..	*257·0*	- 5·0	..	..
148	Waigatz	70 24	58 47	11·2	1006·0	1007·5	- 5·8	..	..	..	..	..	..	..	*255·2*	- 6·0	2	- 4
153	Dickson	73 31	80 23	13·0	1005·4	1007·1	- 3·7	257·2	266·0	3rd	250·1	242·7	15th	253·6	*254·0*	- 0·6	52	+48
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

APRIL - ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1010·1	1010·8	- 0·4	271·1	281·3	27th	258·4	244·7	15th	264·8	*264·7*	+ 0·2	16	+ 1
204	Bethel	60 45	161 47	11·6	..	1010·8	..	273·3	283·0	28th	264·1	249·7	3rd	268·7	..	..	16	..
205	Tanana	65 10	152 6	69·5	1004·8	1013·2	+ 1·3	274·2	283·0	25th	260·6	239·1	3rd	267·4	*267·6*	- 0·9	21	+14
206	Rampart	65 30	150 15	114	..	..	..	273·8	284·1	25th	261·2	246·9	3rd,7th	267·5	..	- 0·7	7	+ 1
207	Valdez	61 7	146 16	122	..	..	..	273·7	276·9	14,20,29	267·8	258·0	4th	270·7	..	..	98	..
208	Eagle	64 46	141 12	248	981·3	1012·5	+ 1·0	276·7	286·3	17th,24th	263·7	242·4	4th	270·2	*270·6*	- 0·1	6	- 4
209	Dawson	64 4	139 29	324	972·8	1013·4	..	276·8	287·4	27th	262·4	243·0	4th	269·6	*269·6*	- 1·0	8	- 6
210	Mayo Landing	63 35	135 51	?579	951·4	1023·3	..	276·4	285·2	23rd	263·7	237·4	4th	270·1	*270·5*	..	2	..
211	Fort Good Hope	66 15	128 38	65·2	1010·4	1018·9	..	272·4	280·8	30th	257·5	237·4	3rd	264·9	..	+ 2·1	1	-19
212	Fort Simpson	61 52	121 35	129	999·8	1016·3	..	276·6	289·1	23rd	263·2	241·9	8th	269·9	*269·6*	- 0·3	0	-20
213	Hay River	60 51	115 57	161	995·4	1016·2	..	272·5	286·3	3rd	257·9	236·3	8th	265·2	*264·9*	- 2·9	14	0
225	Jacobshavn	69 13	51 2	31·6	1008·7	1012·8	- 0·7	271·1	280·0	25th	265·7	257·4	15th	268·4	*269·4*	+ 5·1	10	- 2
226	Godthaab	64 10	51 43	20	..	..	..	276·5	281·6	26th	270·2	264·0	7th	273·3	*273·3*	+ 4·4	36	+ 8
227	Ivigtut	61 12	48 10	30·0	1005·6	1009·4	+ 0·7	279·0	287·0	24th	272·3	262·5	6th	275·7	*275·7*	+ 3·3	201	+139
228	Angmagsalik	65 36	37 33	29·3	1014·7	1018·4	+ 7·4	275·8	281·0	13th	270·3	266·2	1st	273·1	*273·0*	+ 4·0	68	+ 5
231	Stykkisholm	65 5	22 46	25	..	1019·9	+ 9·9	280·3	286·4	12th	273·6	266·3	19th	276·9	*276·8*	+ 3·0	6	-32
232	Vestmanno	63 24	20 17	132	..	1019·5	+11·2	280·2	282·7	29th	275·2	265·4	19th	277·7	*277·5*	+ 1·2	29	-68
233	Grimsey	66 33	18 1	22	..	1020·2	+ 8·8	277·3	286·5	12th	..	..	..	..	*274·6*	+ 2·7	1	-12
234	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
235	Teigarhorn	64 41	14 22	18	..	1019·2	+ 8·9	280·9	287·6	12th	273·2	267·7	19th	277·1	*276·2*	+ 1·8	30	-51
236	Hjvig	62 3	6 45	22·9	1015·1	1017·9	+ 7·2	280·1	284·5	4th	275·1	270·0	24th	277·6	*277·7*	- 0·1	39	-54
237	Lerwick	60 8	W. 1 11	18·0	..	1014·5	+ 3·3	280·7	284·7	7th	276·2	271·9	21st,24th	278·5	*278·4*	+ 0·2	38	-20
238	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1007·1	1012·6	+ 0·3	281·3	288·7	13th	274·5	271·6	25th	277·9	*277·5*	- 1·0	61	-35
239	Aalesund	62 28	6 10	6·3	1012·0	1012·8	- 0·4	..	281·6	14th	273·7	269·9	3rd	..	*276·2*	- 1·8	76	+17
240	Trondhjem	63 26	10 25	59·2	1005·2	1012·6	+ 0·9	277·5	282·4	18th	270·5	262·0	3rd	274·0	*274·1*	- 2·4	48	+ 3
241	Bodö	67 17	14 26	17·0	1009·7	1011·8	+ 0·6	..	278·6	11th	269·4	263·3	21st	..	*272·3*	- 2·7	39	-12
242	Haparanda	65 50	24 9	9·2	1010·0	1011·2	- 1·9	273·0	281·6	11th	264·9	257·0	3,4,5	268·9	*269·1*	- 2·3	17	- 9
242a	Helsingfors	60 10	24 57	11·7	1007·5	1009·0	- 5·1	275·9	285·5	13th	268·3	262·4	6th	272·3	*272·5*	- 2·1	53	+17
242b	Kuopio	62 55	27 40	233	980·7	1010·1	- 3·3	..	279·5	13th	..	..	..	..	*269·1*	- 5·1	70	+37
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1008·3	1009·1	- 4·5	..	..	..	..	..	..	..	*265·1*	- 6·7	10	- 9
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	997·9	1006·7	- 8·8	269·4	280·0	28th,29th	258·6	247·0	20th	264·0	*264·0*	- 6·1	8	-10
248	Tcherdyn	60 24	56 31	?208	982·2	1008·4	- 7·2	273·6	280·5	1st	265·6	254·5	3rd	269·6	*269·3*	- 4·9	69	+46
249	Berezov	63 56	65 4	46	1002·2	1008·1	- 8·3	..	..	..	..	..	..	..	*267·2*	- 0·8	61	+44
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1004·6	1010·6	- 6·7	..	..	..	..	..	..	..	*271·6*	+ 3·2	40	+24
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1005·0	1010·8	- 4·7	..	..	..	..	..	..	..	*265·3*	+ 2·6	36	+21
261	Villouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	997·6	1011·5	- 1·9	..	..	..	..	..	..	..	*263·8*	- 1·3	21	+12
263	Verkholansk	67 33	133 24	100	989·2	1002·2	- 9·2	..	..	..	..	..	..	..	*261·2*	+ 1·1	5	+ 1
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1011·6	1013·9	- 3·0	..	..	..	..	..	..	..	*258·3*	- 0·2	5	0
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

RÉSEAU MONDIAL

APRIL - ZONE 5.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1010·5	+ 1·1	275·1	277·4	5,6,27	271·5	268·0	13th,14th	273·3	..	+ 3·1	39	- 1
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1007·1	1007·4	- 1·1	279·9	284·1	6th,11th	273·2	265·2	14th	276·5	*276·8*	+ 1·7	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	278·2	281·3	8th	272·6	266·3	13th	275·4	..	..	92	..
305	Dillingham	59 0	158 28	24·4	..	..	..	275·2	279·1	30th	267·2	256·3	3rd	271·2	..	- 0·2	36	+ 5
306	Kodiak (Radio)	57 47	152 22	4·8	1008·5	1009·1	+ 3·8	279·7	286·9	7th	272·8	267·4	4th	276·3	*275·8*	+ 0·8	105	+18
309	Sitka	57 3	135 19	19·8	..	..	..	281·7	289·1	23rd	271·1	258·6	4th	276·4	..	- 2·5	64	-75
310	Prince Rupert	54 18	130 18	51·8	1007·3	1013·7	- 0·2	283·0	291·3	22nd,23rd	274·2	267·4	5th	278·6	*278·6*	- 0·3	57	-138
311	Barkerville	53 2	121 35	1274	864·1	1012·5	- 0·2	277·1	285·2	25th,26th	266·2	249·7	5th	271·7	*271·4*	- 3·0	70	+14
312	Kamloops	50 41	120 29	385	967·8	1013·9	- 3·3	286·9	297·4	25th	275·1	265·8	6th	281·0	*281·1*	- 1·8	19	+ 8
313	Calgary	51 2	114 2	1058	889·6	1013·2	0·0	282·2	294·7	25th	268·0	259·7	1st,9th	275·1	*274·6*	- 2·5	36	+17
314	Port Chipewyan	58 43	111 9	218	987·3	1014·9	..	274·8	291·9	24th	263·8	248·8	4th,9th	269·0	*269·4*	- 1·0	67	..
315	Prince Albert	53 10	105 38	437	960·7	1014·4	- 1·7	278·7	291·9	25th	268·3	250·8	9th	273·5	*273·3*	- 2·1	19	+46
316	Qu'Appelle	50 30	103 47	651	936·0	1014·4	- 1·7	280·4	289·1	22nd,25th	269·6	255·9	9th	275·0	*274·6*	- 1·2	46	-10
317	Minnedosa	50 15	99 50	515	950·9	1013·4	- 3·0	281·6	293·0	22nd	269·1	256·3	9th	275·3	*274·7*	- 0·8	23	+20
318	Berens River	52 18	97 23	216	..	..	..	277·4	289·7	23rd	261·7	250·8	1st,8th	269·5	..	- 2·1	4	+ 3
318a	Port Nelson	57 0	92 51	14·9	1017·8	1019·5	..	267·6	276·9	11th	257·4	239·1	1st	262·5	*263·2*	- 2·1		-18
319	Pagwa	50 3	85 18	189	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	1013·9	1015·1	..	..	..	..	..	..	..	..	..	..	24	- 2
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	263·2	249·1	10th	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	- 4
324	Natashquan	50 8	61 48	6·1	..	..	..	..	..	..	..	..	..	266·9	..	- 4·3	39	+27
326	Belle Isle	51 53	55 23	130	..	..	..	274·1	278·0	29th	264·3	250·8	12th	269·2	..	- 2·2	87	..
333a	62°-67°N. 20°-15°W.	††59 22	††17 19	§(40)	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1015·5	1017·2	+ 4·1	284·5	288·9	281·3‖0·5 19th	279·1	275·3	24th	281·8	281·2 282·0	.. 0·0	.. 44	.. -58
335	Aberdeen	57 10	W. 2 6	26·0	1013·4	1016·7	+ 4·3	280·3	288·9	18th	275·4	251·3	27th	278·1	278·2	- 1·0	45	- 6
336	Greenwich	51 28	0 0	46·3	..	1015·5	+ 1·3	285·8	296·3	19th	275·3	269·1	6th	280·5	279·9	- 1·3	29	- 8
337	Uccle	50 48	E. 4 22	100	1001·8	1014·1	0·0	285·2	295·2	19th	274·7	268·5	8th	279·9	279·1	- 1·8	72	+14
338	De Bilt	52 6	5 11	3·0	1013·4	1013·8	0·0	283·6	293·8	20th	274·2	269·5	22nd	278·9	278·5	- 2·5	44	- 1
338a	Hamburg	53 33	9 58	40·3	1008·5	1013·6	+ 0·2	281·8	290·3	19th	274·2	270·4	3rd	278·0	*277·5*	- 2·9	45	+ 6
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·6	1011·9	- 7·2	276·0	284·1	28th	272·3	271·9	3rd	274·2	*271·9*	- 4·6	44	+16
340	Potsdam	52 23	13 4	84·9	1011·6	1012·2	- 1·5	279·1	285·4	14th	272·7	267·0	5th	275·9	*276·2*	- 1·9	44	-13
340a	Uppsala	59 51	17 38	24	1002·4	1012·9	- 1·2	282·3	294·5	30th	274·0	266·4	4th	278·1	277·6	- 3·2	20	-11
341	Warsaw	52 13	21 3	89·3	1007·0	1010·0	- 3·3	278·6	289·3	13th	269·0	262·7	5th	273·8	273·8	- 2·4	19	..
342	Tartu (Ülikooli)	58 23	26 43	80·3	1002·0	1013·2	- 1·6	280·0	293·0	30th	272·0	265·4	4th	276·0	*275·9*	..	15	- 1
343	Leningrad	59 56	30 16	4·3	999·3	1009·5	- 4·4	276·3	284·4	14th	268·8	262·5	2nd	272·5	272·5	- 3·9	26	- 9
344	Kiiv	50 27	30 30	183	1008·2	1008·8	- 5·7	..	..	..	..	..	..	..	*271·2*	- 4·2	17	..
344a	Moscow	55 50	37 33	164	..	..	..	..	..	..	..	..	..	..	..	..	..	-13
345	Saratov	51 32	46 2	127	989·3	1010·4	- 6·1	..	..	8th	..	..	..	..	*271·6*	- 4·8	24	..
346	Kazan	55 47	49 8	79·9	999·4	1015·4	- 1·8	277·0	288·2	29th	269·8	261·8	1st	273·4	*273·3*	- 3·7	38	+20
347	Orenburg	51 45	55 6	109	1001·8	1011·9	- 7·2	276·0	284·1	28th	268·5	258·4	3rd	272·3	*271·9*	- 4·6	44	+16
348	Perm	58 1	56 16	163	1002·7	1016·3	- 5·1	279·9	295·1	23rd	271·4	264·9	1st	275·6	*275·4*	- 1·9	36	+29
349	Sverdlovsk	56 50	60 38	281	990·4	1010·9	- 8·3	276·0	284·0	10th	268·1	257·6	15th	272·0	*271·9*	- 3·4	57	+15
350	Tobolsk	58 12	68 14	106	977·4	1012·3	- 6·6	..	..	..	..	..	..	..	*272·8*	- 1·9	30	+22
351	Akmolinsk	51 12	71 23	347	1000·2	1013·7	- 5·3	..	..	..	270·4	262·2	15th	..	*274·5*	+ 0·6	38	- 1
352	Omsk	55 1	73 19	108	975·5	1017·5	- 5·6	286·3	300·4	24th	273·6	264·2	2nd	280·0	*279·3*	+ 5·1	13	+13
353	Barnaoul	53 20	83 47	158	1004·0	1017·5	- 2·6	..	..	..	..	..	..	..	*275·7*	+ 2·5	27	0
354	Tomsk	56 30	84 58	123	1001·1	1021·2	- 0·5	284·6	300·0	24th	272·7	267·4	3rd	278·6	*279·3*	+ 4·4	15	+11
355	Minousinsk	53 43	91 41	249	1004·3	1019·6	- 0·5	280·1	294·7	24th	270·3	264·3	3rd	275·4	*275·4*	+ 3·4	35	..
356	Eniseisk	58 27	92 10	81·2	991·0	1021·6	+ 0·8	..	..	..	..	..	..	..	*279·6*	+ 3·3	20	+ 7
357	Irkutsk	52 16	104 19	467	1007·9	1018·1	+ 0·3	..	..	..	..	..	..	..	*274·5*	+ 2·9	9	- 9
358	Kirensk	57 47	108 7	278	963·5	1020·6	+ 0·9	..	..	..	..	..	..	..	*275·8*	+ 2·4	12	- 3
359	Tchita	52 2	113 30	685	982·8	1017·3	+ 0·6	..	..	..	..	..	..	..	*272·5*	+ 1·5	14	+ 2
360	Nertchinskii Zavod	51 19	119 37	621	930·7	1013·0	- 1·3	..	..	..	..	..	..	..	*274·0*	+ 0·5	7	- 3
					934·3	1009·0	- 4·1	..	..	..	..	..	..	..	*273·3*	+ 0·6	1	-13
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	992·6	1010·2	- 1·3	..	..	..	..	..	..	..	*274·4*	- 1·0	15	- 9
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1003·6	1009·0	- 1·7	..	..	..	..	..	..	..	..	..	9	-20
366	∮Okhotsk	59 21	143 17	5·5	1009·0	1009·8	- 3·0	..	..	..	..	..	..	..	*267·6*	- 2·3	20	+10
368	∮Petropevlovsk (Phare)	52 53	158 43	87·1	998·6	1009·6	+ 0·4	..	..	..	..	..	..	..	*266·6*	0·0	..	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	*271·0*	0·0	31	-33
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

APRIL - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1005·7	1014·3	- 2·9	284·1	289·1	23rd	277·4	273·6	4th	280·7	*280·5*	- 1·1	29	-10
412	Portland, Oregon	45 32	122 41	46·6	1011·0	1016·2	- 1·7	287·1	296·9	25th	277·9	273·6	5th	282·5	*282·3*	- 1·2	103	+26
413	Macleod	49 44	113 24	953	..	..	..	282·2	293·6	28th	269·3	256·9	9th	275·7	*275·9*	- 3·2	42	+25
414	Helena	46 34	112 4	1253	869·5	1012·8	- 2·5	282·6	291·9	27th	271·0	258·6	6th	276·8	*276·8*	- 2·7	26	- 2
414a	Salt Lake City	40 46	111 54	1329	863·6	1011·5	- 1·7	285·9	294·7	16th	276·2	267·4	7th	281·0	*281·2*	- 2·0	101	+48
415	Cheyenne	41 8	104 48	1856	808·1	1011·2	- 2·2	282·7	291·3	3rd	271·7	265·8	25th	277·2	*277·4*	- 0·6	122	+75
416	North Platte	41 8	100 45	860	911·3	1010·1	- 3·6	290·3	301·9	4th	276·1	266·9	1st	283·2	*282·9*	+ 1·1	97	+43
416a	Bismarck	46 47	100 38	510	951·2	1012·2	- 3·3	285·5	296·3	3rd	272·9	266·3	8th	279·2	*279·1*	0·0	47	+ 6
417	Winnipeg	49 53	97 7	232	985·1	1013·6	..	283·1	291·9	3rd	271·9	263·0	9th	277·5	*276·9*	+ 1·3	29	- 7
418	Duluth	46 47	92 6	345	971·3	1013·2	- 3·0	281·7	296·3	3rd	271·9	265·8	1st	276·8	*275·9*	+ 0·7	41	-11
419	Port Arthur	48 27	89 12	196	989·8	1014·0	- 2·5	280·6	288·0	25th	271·2	265·2	1st	275·9	*275·7*	+ 1·5	34	- 4
420	Chicago	41 47	87 35	205	988·1	1012·8	- 3·0	287·3	301·9	6th	279·9	272·4	1st	283·6	*282·8*	+ 2·0	122	+50
421	Toronto	43 40	79 24	116	998·6	1012·8	- 3·7	285·1	295·6	6th	275·8	266·9	2nd	280·4	*280·0*	+ 1·8	155	+97
422	∮New York (Central Park)	40 47	73 58	47·4	1007·0	1012·8	- 2·8	287·6	304·7	7th	279·4	274·1	2nd	283·5	283·1	+ 0·6	149	+62
423	St. John, N.B.	45 17	66 4	36·3	1008·6	1013·1	..	280·2	286·6	27th	272·3	266·3	3rd	276·3	*275·9*	- 0·6	116	+29
424	S.W. Point, Anticosti	49 24	63 33	9·1	1011·2	1012·4	..	273·1	278·6	29th	268·2	259·1	1st,12th	270·6	*270·7*	- 1·6	58	+13
424a	Sable Island (Main Station)	43 57	60 6	7·6	1012·8	1013·8	..	277·1	283·0	26th	272·7	269·1	13th	274·9	*274·6*	- 1·1	87	- 6
425	Port aux Basques	47 35	59 10	9·1	1010·8	1012·0	- 1·5	274·6	280·2	15th	268·5	262·4	12th,13th	271·6	*271·4*	- 2·0	118	+21
426	St. John's, Newfoundland	47 34	52 42	74·1	1001·7	1011·0	- 0·7	276·6	286·9	28th	..	..	..	..	..	..	118	+ 9
435	Madrid	40 24	3 41	667	936·2	1013·3	- 2·0	292·3	297·3	1st	280·0	272·7	4th	286·2	*285·4*	+ 1·7	28	- 9
436	Nantes	47 15	W. 1 34	36·5	1009·6	1014·3	- 0·3	287·1	295·8	19th	276·4	270·3	7th	281·7	281·9	- 1·0	20	-31
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1008·5	1014·7	+ 0·8	286·4	297·0	19th	275·8	271·2	6th	281·1	280·8	- 1·8	39	- 5
438	Marseille	43 18	5 23	75	..	1011·7	- 0·1	291·1	295·6	1st	279·8	272·2	7th	285·5	*284·7*	- 1·0	48	- 7
438a	Zürich	47 23	8 33	493	955·0	1013·9	- 0·5	285·1	296·5	29th	275·5	267·5	7th	280·3	279·3	- 2·3	118	+28
439	Rome	41 54	12 29	45·5	1006·1	1011·5	- 1·3	291·4	296·0	27th	283·2	278·0	20th	287·3	*287·2*	+ 0·6	32	-34
440	Vienna	48 15	16 22	203	988·6	1013·4	- 0·2	283·3	295·2	20th	275·2	267·8	7th	279·3	279·1	- 3·6	40	-13
440a	Budapest	47 31	19 1	130	997·3	1013·2	+ 0·2	285·8	294·6	20th	276·2	268·8	5th	281·0	280·5	- 3·6	73	+15
441	Sofia	42 42	23 20	550	948·2	1013·3	0·0	286·4	297·1	30th	275·7	267·1	6th	281·1	*280·8*	- 2·3	81	+29
442	Bucharest	44 25	26 6	82	1003·9	1014·0	+ 0·5	286·1	296·8	21st	276·4	268·5	6th	281·3	280·5	- 3·7	82	+38
443	Odessa (Observatory)	46 26	30 46	42·6	1010·0	1015·3	+ 0·3	280·1	286·8	30th	274·7	269·6	1st,6th	277·4	*276·9*	- 4·7	53	+28
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1010·8	1015·4	+ 0·6	..	..	..	..	..	..	..	*280·2*	- 3·3	54	+10
445	Tiflis	41 43	44 48	404	968·2	1015·9	- 0·3	290·1	297·5	5th	279·2	271·9	1st	284·7	283·9	- 0·5	67	+11
446	Astrakhan	46 21	48 2	-20	1018·4	1015·9	- 1·4	285·8	296·3	30th	275·4	266·2	1st	280·6	*280·1*	- 1·7	12	0
447	Fort Alexandrovsk	44 31	50 7	-23·0	1021·6	1019·0	+ 3·0	..	..	..	..	..	..	..	*280·2*	- 2·6	30	+16
448	Krasnovodsk	40 0	52 59	-4·6	1015·8	1015·2	- 0·2	..	..	..	..	..	..	..	*284·6*	- 2·1	8	-16
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*285·4*	+ 3·6	12	- 2
450	Tashkent	41 20	69 18	479	959·8	1014·7	- 1·1	297·7	304·7	17th	284·5	279·9	14th	291·1	291·1	+ 3·8	48	- 6
451	Narynskoe	41 26	76 13	2015	797·0	..	+ 2·4	288·6	294·1	17th	275·6	270·2	1st	282·1	*281·9*	+ 2·5	12	-20
451a	Andijan	40 47	72 23	503	957·5	1015·1	..	..	..	..	285·5	279·4	5th	..	*281·5*	..	8	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*287·9*	..	65	-28
461	Moukden	41 48	123 23	43·8	1007·7	1013·1	- 1·3	287·9	295·4	5th	274·4	271·7	1st	281·1	281·2	- 0·4	22	- 5
462	Joshin	40 40	129 12	31·9	1009·1	1013·0	- 1·0	283·6	296·5	27th	275·3	271·0	2nd	279·5	279·1	- 0·5	42	+12
463	Yuki	42 20	130 24	63·8	1005·0	1012·9	- 1·0	283·0	294·4	27th	273·9	271·0	2nd	278·5	278·1	- 0·2	24	- 7
464	Vladivostok	43 7	131 54	128	996·3	1012·2	- 2·2	..	..	..	..	..	..	..	*276·7*	- 0·8	9	-22
465	Ochisi	47 20	142 47	27·4	1006·5	1010·0	- 1·6	277·4	288·7	26th	268·1	255·2	3rd	272·7	272·5	- 1·2	48	+ 4
466	Nemuro	43 20	145 35	26·7	1006·9	1010·2	- 3·5	279·2	288·6	27th	272·0	266·4	3rd	275·6	275·1	- 0·7	75	+ 2
466a	Syana	45 14	147 53	39·3	1005·4	1010·3	- 2·8	277·2	289·0	28th	270·9	264·5	8th	274·1	273·8	- 0·6	89	+24
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

APRIL - ZONE 5 (AMERICA).

511	San Francisco	N. 37 48	W. 122 26	47·2	1012·0	1017·9	0·0	288·2	294·7	1st	281·6	277·4	6th	284·9	*284·3*	- 0·5	26	-14
512	Sacramento	38 35	121 30	21·0	1013·8	1016·2	+ 0·3	291·7	300·8	26th	279·3	274·1	6th	285·5	*285·9*	- 2·0	11	-26
513	San Diego	32 43	117 10	26·5	1013·4	1016·6	+ 0·7	290·3	296·9	15th	284·1	278·0	7th	287·2	*286·9*	- 0·4	14	- 2
514	Modena	37 48	113 54	1668	829·3	1010·1	- 2·0	286·8	296·9	16th	270·6	259·1	7th	278·7	*278·7*	- 1·9	25	+ 2
515	Santa Fé	35 41	105 57	2138	783·7	1009·5	- 1·1	288·1	294·7	17th	274·7	268·0	11th	281·4	*281·5*	0·0	4	-19
516	Denver	39 45	105 0	1613	832·5	1010·5	- 2·2	287·1	297·4	3rd	275·2	266·3	8th	281·1	*281·3*	- 0·5	43	-11
517	Abilene	32 23	99 40	530	950·7	1011·2	- 2·0	299·8	305·6	30th	286·7	278·6	11th	293·2	*292·7*	+ 2·4	30	-36
518	Saint Louis	38 38	90 12	173	992·0	1012·5	- 2·7	292·4	303·8	4th	282·7	275·2	1st	287·6	*287·4*	+ 1·4	178	+82
519	Mobile	30 41	88 2	17·4	1013·6	1015·6	- 1·0	298·9	303·0	25th	290·6	284·1	17th	294·7	*294·5*	+ 2·8	91	-34
520	Nashville	36 10	86 47	166	995·4	1015·2	- 1·3	295·3	301·9	21st	284·6	278·6	17th	289·9	*289·6*	+ 2·0	100	-12
521	Charleston	32 47	79 56	14·6	1014·6	1016·2	- 0·8	297·2	302·4	22nd	288·9	280·8	17th	293·1	*293·3*	+ 2·4	48	-26
522	Washington	38 54	77 3	34·1	1008·7	1012·8	- 3·3	293·4	307·4	7th	281·1	276·3	2nd	287·2	*287·0*	+ 2·2	155	+73
524	Bermuda	32 17	64 46	46·0	1015·0	1020·4	..	295·8	298·6	28th	289·3	285·2	5th	292·6	*292·2*	+ 0·6	82	-21
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

APRIL – ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 9	40	1012·3	1017·0	- 3·5	289·7	291·7	26,29,30	284·7	281·9	14th	287·2	287·3	- 0·9	128	+17
531	Horta	38 32	28 38	65	1009·0	1016·8	- 4·2	291·1	294·6	26th	285·4	283·0	14th	288·3	287·7	- 0·7	65	-11
532	Ponta Delgada	37 44	25 40	22	1013·3	1015·9	- 5·2	290·3	292·0	11th	286·6	284·1	23rd	288·4	288·4	+ 0·3	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	157	+50
533	Madeira (Funchal)	32 38	16 55	25	1018·2	1016·2	- 2·7	291·6	293·2	24th	287·4	284·3	16th	289·5	*289·6*	+ 0·4	4	-45
535	Lisbon	38 43	9 9	95	1001·3	1012·6	- 3·2	292·7	299·8	18th	285·1	280·9	29th	288·9	288·5	+ 1·3	38	-26
535a	Melilla	35 17	2 59	40	1009·4	1014·1	..	292·9	297·0	22nd	286·9	284·2	30th	289·9	*289·8*	+ 0·7	34	-27
536	Gibraltar	36 6	5 21	16·2	..	1013·5	- 3·1	293·2	296·9	16th,24th	286·7	282·4	5th	289·9	*289·4*	+ 0·6	39	-29
536a	Colomb-Béchar	31 37	W. 2 13	769	923·0	1008·1	..	..	..	..	283·3	280·0	4,5,12	..	*292·5*	..	0	- 1
537	Palma	39 34	E. 2 39	23	1010·2	1013·0	- 1·8	292·8	296·0	26th	279·7	274·0	8th	286·3	*286·5*	- 1·7	4	-32
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	..	..
539	Tunis	36 48	10 10	75	1005·2	1014·9	..	305·4	313·9	27th	285·3	276·8	1st	295·3	..	0·0	0	-26
540	Malta	35 54	14 31	71·2	..	1013·3	+ 0·4	292·9	301·4	26th	283·5	277·4	9th	288·2	*288·0*	+ 0·2	10	- 9
541	Athens	37 58	23 43	107	1000·6	1013·4	+ 0·1	291·1	299·1	27th	285·2	281·3	7,9,20	288·2	*287·4*	- 0·9	13	-14
542	Alexandria	31 12	29 53	32·0	1011·5	1015·4	+ 1·3	291·6	300·8	29th	283·8	276·4	19th	287·7	287·5	- 0·9	8	+10
								296·2	308·4	24th	286·7	283·0	22nd	291·4	*290·5*	- 0·9	13	
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (F.W.D.)	35 9	33 22	159	..	1013·1	+ 1·1	296·1	301·9	29th	281·5	278·0	sev.dates	288·8	..	- 0·9	1	-23
544	Beirut	33 54	35 28	33·7	..	1014·3	+ 0·9	294·2	301·7	26th	287·1	283·1	22nd	290·7	*290·5*	- 0·5	61	+ 5
545	Hinaidi	33 17	44 29	32·3	1007·4	1011·1	- 0·9	303·2	308·6	26th	287·7	282·4	3rd,13th	295·4	*295·5*	+ 1·0	18	+ 7
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	ǂTehran	35 41	51 25	1220	867·2	997·5	..	299·4	305·8	11th	285·1	277·8	3rd	292·3	*292·6*	+ 3·9	1	-34
548	Meshed	36 17	59 38	946	..	..	..	297·8	304·8	23rd	281·1	276·1	4th	289·4	..	+ 2·9	7	-40
549	Seistan	31 0	61 30	7610	953·1	..	..	305·1	310·1	29th	288·8	281·6	7th	296·9	..	+ 2·6	0	- 4
550	Quetta	30 12	67 0	1647	835·4	..	0·0	298·4	303·1	30th	282·9	277·0	5th	291·2	*291·5*	+ 2·9	7	-20
551	Peshawar	34 2	71 37	355	970·1	1010·1	0·0	306·2	310·9	18th	290·7	285·4	5th	298·5	*298·3*	+ 2·8	29	-18
551a	Lahore	31 34	74 20	214	983·8	1008·0	+ 0·4	309·8	314·4	16th	293·7	288·1	1st	301·7	*301·7*	+ 1·6	4	-10
552	Simla	31 7	77 8	2202	782·7	..	+ 1·7	292·6	296·4	30th	284·8	279·7	10th	288·7	*289·0*	+ 0·6	30	-20
552a	Leh	34 10	77 42	3503	668·6	..	+ 2·4	287·6	291·3	17th,21st	273·6	269·0	1st	280·6	*280·0*	+ 1·5	11	+ 5
559	Hankow	30 35	114 17	37·0	1012·1	1016·5	+ 1·0	298·2	306·2	15th	286·2	280·1	22nd	292·2	*291·5*	+ 2·1	49	-104
560	Tientsin	39 9	117 9	6·4	1013·4	1014·1	- 1·2	293·0	306·7	27th	279·8	273·2	2nd	286·4	*286·2*	+ 0·1	12	- 2
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1015·2	1016·0	+ 0·5	295·3	305·4	16th	282·4	277·0	12th	288·9	287·8	+ 1·3	28	-66
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1006·4	1015·0	- 0·3	287·4	293·6	18th	277·9	274·2	3rd	282·7	282·1	- 0·4	47	-16
562a	Nagasaki	32 44	129 52	133	1000·0	1015·9	+ 0·5	291·4	296·6	17th	282·6	277·5	4th	287·0	286·5	- 0·7	167	-37
563	Kyoto	35 1	135 44	42·9	1009·7	1014·9	- 0·5	292·1	300·3	16th	278·8	271·7	3rd	285·5	285·1	- 0·1	92	-67
564	Tokyo	35 41	139 46	5·8	1012·4	1013·1	- 2·3	289·8	295·5	26th	280·4	275·4	3rd	285·1	285·6	+ 0·1	136	+10
565	Hukusima	37 45	140 28	68·5	1005·1	1013·4	- 1·8	289·5	299·6	28th	277·8	272·1	3rd	283·7	283·2	0·0	111	+23
566	Miyako	39 38	141 59	30·4	1007·9	1011·6	- 3·1	287·2	299·7	28th	275·8	269·5	4th	281·5	281·0	- 0·2	120	+22

APRIL – ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
601	Midway Island	28 13	177 22	5·8	1022·4	1023·0	..	296·3	299·7	18th	288·0	285·2	1st	292·4	*291·8*	- 0·4	27	-91
605	Honolulu	21 19	157 52	11·6	1017·1	1018·6	+ 0·6	299·1	300·8	30th	294·2	292·4	13th	296·8	*296·3*	+ 0·8	20	-42
613	Guaymas	27 55	110 53	8·3	1012·0	1013·0	..	300·0	305·5	3rd	289·7	285·5	9th	294·9	*294·6*	- 2·2	0	..
615	Leon	21 7	101 41	1809	820·2	1006·4	- 0·6	303·6	305·8	28th	284·5	282·3	6th	294·1	*294·7*	+ 0·3	0	- 6
616	Monterry	25 40	100 18	528	950·2	1008·7	- 2·1	304·8	310·4	13th	292·8	288·6	16th	298·8	*299·0*	+ 2·5	9	-19
617	Tulancingo	20 5	98 22	2181	788·9	..	- 0·5	302·0	306·0	30th	282·7	276·2	4th	292·3	*290·9*	+ 0·7	1	-34
618	Galveston	29 18	94 50	16·5	1011·9	1013·9	- 1·5	298·3	301·3	21st	293·6	288·0	16th	296·0	*295·8*	+ 2·7	252	+171
618a	New Orleans	29 57	90 4	16·2	1013·4	1015·2	- 0·7	300·0	305·2	25th	291·9	287·4	16th	295·9	*295·6*	+ 2·5	50	-73
619	Mérida, Yucatan	20 58	89 38	22	1009·6	1012·1	- 1·9	307·6	314·0	21st	295·8	292·6	6th	301·7	*301·2*	+ 2·0	6	-16
620	Havana	23 7	82 25	77·0	1006·3	1015·2	- 0·9	302·6	305·4	28th	293·9	292·2	9th	298·3	297·9	..	117	..
620a	Key West	24 33	81 48	6·7	1015·4	1016·2	- 0·3	301·6	303·6	21st	296·1	293·0	18th	298·8	*299·4*	+ 1·5	10	-22
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·4	- 0·8	301·8	304·7	26th	293·9	291·3	16th	297·9	*297·2*	+ 1·0	27	-37
622	Watling Island(San Salvador)	24 6	74 26	33·5	1013·4	1017·3	- 0·1	..	301·9	15,22,26	..	296·3	6th	..	*299·2*	+ 1·0	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	297·5	302·2	28th	287·8	285·5	2nd	292·7	*291·1*	..	..	..
634m	Izaña	28 19	16 30	2367	765·8	..	- 0·8	282·5	288·6	17th	274·5	269·6	1st	278·5	*278·6*	- 1·1	57	+33
634	La Laguna	28 28	16 20	547	952·4	1015·7	- 1·6	291·4	295·3	19th	284·0	280·0	11th	287·7	*287·1*	+ 0·3	28	-19
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	301·8	313·1	30th	284·1	281·8	12th	292·9	..	..	0	..
642	Siwa	29 12	25 29	-23	1017·0	1014·2	- 0·1	302·2	314·0	30th	284·0	279·0	3rd	293·1	*292·2*	- 0·7	0	- 1
643	Cairo (Helwan)	29 52	31 20	116	1000·7	1014·2	+ 0·9	300·9	313·0	30th	285·7	280·9	22nd	293·3	*293·2*	- 0·9	12	+ 8
643a	Aswan	24 2	32 53	100	999·6	1011·0	+ 0·1	309·5	316·4	30th	291·3	284·4	22nd	300·4	*299·8*	+ 0·7	..	..
644	Tor	28 14	33 37	1·9	1011·2	1011·5	+ 0·4	299·4	307·0	25th	288·2	282·5	22nd	293·8	*293·8*	- 0·8	2	+ 2
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

APRIL – ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	29 0	50 50	4·3	1010·0	1010·4	..	300·6	308·0	8th	293·4	288·6	6th	297·0	*296·3*	+ 0·6	0	-12
648	Jask	25 45	57 45	4·0	1007·4	1007·8	..	304·1	308·4	3rd	295·6	292·5	28th	299·9	*299·2*	+ 0·5	0	- 5
649	Karachi	24 53	66 57	4·0	1009·1	1009·6	+ 0·1	303·6	305·8	17th	298·0	295·7	9th	300·8	*300·1*	+ 1·5	0	- 4
650	Jacobabad	28 17	68 29	56·7	1001·3	1007·6	+ 0·1	313·2	317·3	30th	296·6	290·8	8th	304·9	*304·4*	+ 2·6	3	- 2
651	Jaipur	26 56	75 52	436	961·4	1009·3	+ 1·2	310·7	315·1	18th	295·3	291·1	13th	303·0	*303·0*	- 0·2	20	+16
652	Nagpur	21 8	79 5	310	975·4	1009·5	+ 1·4	312·1	316·6	30th	296·8	292·9	4th	304·4	*304·2*	- 0·9	4	-10
653	Allahabad	25 25	81 51	94·2	997·4	1008·0	+ 0·6	312·5	316·2	30th	297·2	292·3	2nd	304·8	*304·5*	+ 1·1	1	- 3
653a	Darjeeling	27 3	88 15	2265	776·3	..	+ 0·8	290·2	293·2	11th	283·0	277·9	4th	286·6	*286·9*	+ 0·5	180	+82
654	Calcutta	22 32	88 20	6·4	1008·3	1009·1	+ 0·8	308·5	312·7	11th	298·2	292·1	21st	303·3	*303·0*	+ 0·6	52	+ 4
655	Gauhati	26 8	91 41	59·7	1004·2	1011·2	+ 0·9	302·3	307·8	11th	293·3	289·4	4th	297·8	*296·7*	0·0	140	-28
655a	Cherrapunji	25 15	91 42	1313	868·9	..	+ 0·7	294·2	297·7	1st	288·0	283·3	4th	291·1	*290·5*	+ 0·5	1176	+460
656	Akyab	20 11	92 56	6·1	1010·5	1011·2	+ 0·7	305·3	308·4	20th	297·0	293·7	5th	301·1	*300·8*	- 0·4	38	-15
657	Mandalay	21 59	96 0	76·2	1001·9	1010·5	+ 1·2	310·0	314·6	10th	297·6	294·5	5th	303·8	*303·3*	- 1·5	100	+71
658	Tengyueh	25 2	98 33	1626	837·1	1010·9	..	294·8	299·1	11th	282·5	278·0	3rd	288·7	*288·3*	+ 0·3	77	+ 4
659	ǂPhu Lien	20 48	106 38	116	..	1013·3	+ 2·8	298·4	303·8	30th	292·4	288·9	11th	295·4	294·8	- 0·7	119	+42
659a	ǂMoncay	21 31	107 51	9·0	..	1013·3	+ 2·5	299·0	303·9	21st	291·9	287·3	12th	295·5	*294·7*	- 0·3	140	+34
660	Hongkong	22 18	114 10	33·2	..	1014·1	+ 1·5	297·7	304·2	20th	292·7	289·4	13th	295·3	294·8	+ 0·6	39	-105
660	Amoy	24 26	118 4	4·9	1015·9	1016·5	+ 1·5	296·2	299·1	26th	290·3	284·1	1st	293·3	*293·1*	+ 0·5	129	+ 3
661	Taihoku, Formosa	25 2	121 31	9·3	1014·3	1015·4	+ 1·3	298·2	304·3	28th	288·6	280·5	13th	293·4	293·0	- 0·6	131	-40
661a	Basco	20 28	121 59	18·7	..	1012·5	+ 1·4	300·8	304·1	29th	295·3	292·2	14th	298·1	297·7	- 1·3	56	-49
662	N.ha	26 12	127 39	29·5	1012·2	1015·7	+ 1·2	295·6	298·7	30th	290·2	285·8	22nd	292·9	293·0	- 0·9	102	-61
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1015·7	1016·2	+ 0·4	296·8	298·8	27th,30th	290·8	284·2	16th	293·8	293·6	+ 0·1	215	+95
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

APRIL – ZONE 7.

715	Colima	19 12	103 45	498	957·1	1012·9	+ 1·9	306·0	310·4	4th	289·2	285·9	11th	297·6	*296·5*	- 1·0	0	0
716	Morelia	19 42	101 7	1923	808·3	1006·7	- 0·5	299·9	301·3	13th	284·5	281·7	11th	292·3	*292·6*	+ 0·8	0	-10
717	Mexico, Tacubaya	19 24	99 12	2309	773·9	..	- 0·3	302·2	303·9	29th	281·8	278·5	5th	292·0	291·4	+ 1·6	2	-18
718	Salina Cruz	16 12	95 12	56	1003·8	1010·2	- 1·3	302·7	307·0	16th	297·2	295·4	6th	299·9	*300·4*	- 0·1	0	- 7
719	San Salvador	13 42	89 13	682	936·2	1011·3	- 0·5	306·8	310·0	5th	290·4	288·2	6th	298·6	*297·5*	+ 0·2	0	-58
720	Belize	17 31	88 11	5·2	1012·4	1012·9	- 0·6	..	..	..	297·4	294·1	3rd,4th	..	‡*299·2*	0·0	61	+ 4
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·8	+ 1·0	302·7	305·4	25th	294·2	290·8	5th	298·5	*298·3*	- 0·1	66	- 9
722	Port au Prince	18 33	72 20	37·4	1010·9	1015·2	+ 0·5	304·6	306·8	22nd	293·9	292·4	16th	299·3	*298·9*	- 0·2	214	+50
723	ǂCaracas	10 30	66 56	1043	899·6	1013·6	..	299·1	303·4	19th	288·7	283·9	12th	293·9	*293·1*	+ 0·1	12	-28
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·3	1016·2	+ 0·4	300·6	304·7	16th	294·6	291·9	10th	297·6	*297·3*	- 0·2	34	-64
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·7	1013·4	+ 0·5	303·2	304·7	6th	296·2	295·2	4th,8th	299·7	*299·3*	+ 0·6	34	-21
725	Barbados	13 8	59 36	57·9	..	1014·7	+ 0·4	302·8	303·9	20th,27th	295·4	292·9	12th	299·1	*299·0*	+ 0·2	19	-21
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·9	1014·2	- 0·3	297·3	298·5	19,21,22	293·7	293·0	1,9,11	295·5	*295·8*	+ 0·8	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	‡1010·0	‡1013·9	..	299·5	301·4	19th	294·0	293·0	2nd,10th	296·7	..	+ 0·4	0	- 1
734	ǂDakar	14 40	17 26	32	..	1011·5	..	299·8	303·0	4th	291·3	289·9	9th	295·5	*293·8*	- 0·5	0	- 1
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	298·4	300·2	1st	292·1	290·8	5,6,17	295·2	*295·0*	- 2·5	0	..
736	Niánébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	317·5	321·0	21st	294·0	290·0	19th	305·7	*305·6*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	314·8	316·9	4,26,29	298·2	292·4	22nd	306·5	*306·1*	+ 0·4	0	-10
738	Kaduna Capital	10 32	7 25	7637	..	..	..	308·0	310·2	26th,30th	..	..	..	..	‡*300·8*	+ 0·9	12	-66
740	Hadelija	12 40	10 5	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
741	Maiduguri	11 47	13 11	361	..	..	..	315·8	318·0	29th,30th	296·8	293·0	23rd	306·3	*305·9*	+ 0·1	0	-10
742	ǂEl Fasher	13 32	25 18	730	925·2	1005·8	..	312·6	316·0	1st	289·8	284·0	2nd	301·2	*300·2*	- 0·3	1	0
743	El Obeid	13 11	30 14	563	944·6	1006·0	0·0	312·5	315·5	8th	294·3	288·5	24th	303·4	*302·6*	+ 0·9	0	- 1
744	Khartoum	15 37	32 33	390	963·0	1005·6	- 0·7	313·5	318·0	9th	297·0	290·9	24th	305·2	*305·7*	+ 1·5	0	0
745	Port Sudan	19 37	37 13	5·5	1009·9	1010·6	+ 0·7	305·3	308·6	7th	295·7	290·0	24th	300·5	*300·1*	+ 0·8	8	+ 7
746	ǂBerbera, Somaliland	10 22	45 2	13·8	1007·7	1009·2	- 1·0	304·9	306·9	28th	298·3	297·4	1,7,11	301·6	*301·7*	+ 0·4	1	-11
	Aden	12 45	45 3	29·9	1007·9	1011·3	- 0·3	306·2	309·2	29th	298·7	296·3	5th	302·4	*301·4*	+ 0·9	0	- 5
751	Bombay	18 54	72 49	11·3	1009·8	1011·0	+ 0·3	306·2	308·1	3rd	299·1	297·7	14th	302·7	302·4	+ 1·3	1	0
752	Kodaikanal	10 14	77 28	2343	772·1	..	+ 0·3	292·6	296·4	3rd	284·3	282·9	1st	288·5	*287·9*	- 0·7	384	+276
752a	Bangalore	12 59	77 38	921	910·3	1010·3	+ 0·9	306·2	309·2	3rd	293·6	291·5	25th	299·9	*299·1*	- 0·5	166	+132
753	Madras	13 4	80 14	6·7	1009·8	1010·5	+ 0·4	306·8	307·6	11th,23rd	298·3	296·2	1st	302·5	*302·0*	+ 0·1	14	+ 1
754	Vizagapatam	17 42	83 19	11·6	1009·0	1010·2	+ 0·6	305·4	306·7	27th	299·9	298·2	15th	302·7	*302·1*	0·0	1	-18
755	Port Blair	11 40	92 40	18·0	1009·2	1011·3	+ 0·4	305·1	306·2	27th	298·9	297·9	10th	302·0	*301·4*	- 0·6	70	+ 7
756	Rangoon	16 46	95 48	5·5	1011·0	1011·7	+ 0·9	308·7	310·4	18th	297·9	296·1	3rd	303·3	*302·0*	- 0·3	12	-30
757	Cap St. Jacques	10 20	107 5	180	..	1011·0	..	302·5	307·6	29th	297·7	296·2	14th	300·1	*299·7*	- 1·2	9	-21
758	Whatrang	12 15	109 12	3·6	..	1011·1	..	303·9	305·3	27th,28th	296·3	293·2	16th	300·1	*299·6*	- 0·2	19	- 3
759	ǂBolinao	16 23	119 53	2	..	1010·0	+ 1·1	305·7	309·0	30th	297·2	295·2	6th	301·5	*300·9*	- 0·6	1	-34
761	Vigan	17 34	120 23	12·2	..	1009·9	+ 0·8	305·2	306·6	22nd	297·5	295·9	12th,19th	301·3	300·8	- 0·5	1	-16
761a	Manila	14 35	120 59	14·2	..	1010·3	+ 0·4	306·2	309·4	30th	296·3	293·4	5th	301·3	300·8	- 0·3	7	-25
762	Ormoc	11 0	124 36	5·6	..	1008·7	- 0·1	305·0	306·3	30th	295·9	293·9	3rd	300·5	*299·9*	+ 0·4	196	+121
765	ǂGuam, Ladrone Is.	13 24	144 38	18·6	..	1009·9	+ 0·5	303·7	304·6	7th,27th	297·3	296·4	29th	300·7	*301·1*	+ 0·7	23	-28
766	Saipan	15 14	145 46	207	988·9	1009·1	..	301·4	302·0	26th	296·1	295·0	22nd	298·7	298·3	..	22	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

APRIL - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·7	1011·3	+ 0·5	303·4	305·2	16th,17th	297·9	296·3	22nd,26th	300·7	*300·3*	+ 0·1	306	-38
821	Cristobal	9 23	79 54	11·0	..	1011·0	- 0·2	303·6	304·7	16th	298·2	295·8	11th	300·9	300·4	+ 0·9	17	-92
822	Bogota	4 36	74 5	2645	747·1	..	+ 1·2	292·3	295·1	24th	283·8	281·8	17th,21st	288·0	*287·4*	0·0	136	- 8
822a	Merida, Venezuela	8 36	71 9	1641	‡ 841·5	..	..	296·1	298·5	22nd	288·4	286·5	6,7,8	292·3	*291·1*	- 0·6	245	+74
823	Ciudad Bolivar	8 9	63 33	38	1006·6	1010·9	..	305·9	307·8	17th	296·3	295·2	9th	301·1	*300·5*	- 0·5	15	- 7
824	El Paru, Guayanavieja	7 19	61 49	220	986·0	1010·9	+ 0·1	304·3	305·9	17th	294·8	293·6	3rd	299·6	*299·0*	+ 0·5	97	+24
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·5	- 0·1	301·9	303·0	25th	297·8	295·3	4th	299·8	*299·5*	0·0	198	+58
826	Paramaribo	5 49	55 9	3·7	1012·1	1012·4	- 0·5	304·1	306·0	23rd	296·1	294·8	15th,16th	300·1	*299·7*	+ 0·8	214	-10
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	285	-196
831	10°-5°N. 30°-25°W.	†† 7 5	†† 27 4	§(105-130)	..	1013·5	+ 1·3	..	..	298·8|-0·1	..	..	..	..	298·6	- 0·2	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·2	1011·0	+ 0·2	304·7	306·3	13th,25th	296·9	294·1	3rd	300·3	*300·1*	- 0·2	16	-87
835	Assuantsi	5 18	1 15	97·3	998·2	1009·3	..	304·9	307·4	10th,11th	294·1	291·3	10th	299·5	*298·8*	- 0·1	109	-28
836	Accra	5 33	W. 0 12	16·0	1007·6	1009·4	- 0·3	303·9	305·1	17th	297·2	294·7	9th,10th	300·5	*300·0*	- 0·2	80	-13
837	Lagos	6 27	E. 3 24	3·0	1011·4	1011·7	+ 2·3	303·9	304·7	1,15,26	297·7	295·2	12,14,16	300·8	*300·3*	- 0·4	179	+25
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	305·0	308·0	..	..	..	..	..	..	..	194	-36
839	Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	..	..
841	Wau	7 42	28 3	440	959·0	1007·0	0·0	..	..	..	..	..	..	..	..	..	55	- 8
843	Malakal (Kodok)	9 35	31 37	394	963·5	1007·0	+ 0·3	310·8	313·7	6th	297·2	293·1	22nd	304·0	*302·8*	+ 0·2	38	+ 5
843a	Mongalla	5 11	31 47	448	958·2	1008·4	0·0	307·1	313·2	11th	295·2	291·2	23rd	301·2	*299·6*	- 0·7	83	-22
844	Entebbe	0 5	32 29	1171	883·7	1009·4	+ 0·2	298·4	300·2	3rd,15th	291·7	289·7	23rd	295·1	*294·9*	+ 0·6	174	-82
845	Sheikh	9 55	45 15	1463	..	..	..	299·3	302·4	2nd	287·4	282·4	1st	293·4	..	..	143	+46
851	Minicoy	8 17	72 49	2·7	..	..	..	304·7	306·1	19th	298·5	296·3	29th	301·6	*301·0*	..	91	+24
851a	Cochin	9 58	76 21	2·7	1010·7	1011·0	+ 0·5	304·3	305·2	7th,15th	297·9	295·2	8th	301·1	*300·5*	- 1·3	160	+40
852	Colombo Observatory	6 54	79 52	7·3	..	1009·7	+ 1·1	303·7	304·7	28th	296·6	295·2	7th	300·2	*299·6*	- 0·4	474	+227
853	Nuwara Eliya	6 58	80 46	1881	814·6	1013·0	+ 2·0	294·1	295·1	20th	283·2	278·7	7th	288·7	287·7	+ 0·3	246	+104
854	Trincomalee	8 35	81 15	30·2	..	1008·9	+ 1·0	303·6	305·5	4th	297·7	295·7	28th	300·6	*300·0*	- 0·8	232	+180
855	Kuta Raja	5 32	95 20	7·1	..	1009·3	- 0·6	..	..	..	..	..	..	..	..	..	64	-43
856	Medan	3 35	98 41	25	..	1009·4	0·0	304·9	306·4	8th	295·7	294·4	4th	300·3	299·8	+ 0·5	78	-54
857	Penang	5 34	100 20	5·0	..	..	..	307·2	308·0	25,27,28	295·3	294·1	6th,13th	301·2	*300·4*	0·0	222	+48
858	Singapore	1 18	103 51	10·9	..	..	..	304·5	305·7	2nd	296·7	295·8	24th	300·6	*300·1*	0·0	130	-64
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	998·8	1009·1	- 0·1	304·5	305·8	sev.dates	296·7	294·7	4th	300·6	299·8	..	38	..
859	Sandakan	5 50	118 7	31·7	..	..	..	303·9	305·2	26,28,30	296·8	295·8	1,11,15	300·4	*301·7*	- 0·5	60	-54
860	‡Iwahig	9 44	118 38	14·3	..	?1009·5	+ 1·1	?305·4	?306·8	29th	?294·9	?293·1	1st	?300·1	?*300·0*	- 0·3	54	0
861	Tagbilaran	9 38	123 51	21·3	..	1008·8	- 0·3	304·3	306·6	24th	296·2	294·5	3rd,19th	300·3	299·5	- 0·5	85	+20
861a	Menado	1 30	124 50	8·5	..	1009·4	+ 0·2	303·2	305·5	26th	296·1	295·0	6th	299·7	299·2	+ 0·1	158	-40
862	Surigao	9 48	125 29	6	..	1009·3	- 0·1	302·6	305·9	27th,28th	297·0	295·9	5th	299·9	299·4	- 0·2	607	+367
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·0	+ 1·3	303·1	305·2	7th	297·8	296·1	21st	300·5	299·8	- 0·4	269	+145
864	Palau	7 20	134 29	31·6	1005·7	1009·3	..	303·1	304·3	10th,20th	297·7	295·9	22nd	300·4	300·0	..	325	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·3	1009·7	..	302·3	303·9	3rd	297·2	295·0	3rd	299·7	299·4	..	548	..

APRIL - ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	S. 8 32	W. 172 31	1·8	..	1010·2	..	303·5	304·6	2nd,6th	300·7	298·5	5th	302·1	..	..	292	..
920	Lambayeque	6 46	80 55	15	..	..	..	304·5	307·2	7th	291·3	289·8	27th	297·9	296·4	..	0	..
921	Quito	0 14	78 30	2816	728·2	..	+ 0·2	293·1	..	..	281·9	..	..	287·5	285·7	- 0·1	225	+52
924	Manaos	3 8	60 1	43·6	..	..	..	302·4	305·0	12th,23rd	295·0	293·8	1st,2nd	298·7	*298·2*	- 0·7	392	+170
926	Taperinha	2 30	54 20	21·0	1009·1	1011·6	+ 0·1	303·0	305·1	15th	295·9	295·0	12th	299·4	*298·4*	+ 0·3	378	+56
927	Turyassu	1 43	45 26	9·1	1009·8	1010·8	+ 0·4	304·3	306·0	5,17,21	294·6	293·2	14th	299·4	*298·7*	+ 0·5	265	-166
928	Barra do Corda	5 30	45 16	81·0	999·8	1009·1	- 1·1	303·9	305·8	5th	294·9	293·4	15th	299·4	*298·3*	+ 0·2	257	+145
929	Quixeramobim	5 16	39 15	207	988·6	1011·9	+ 0·6	301·8	302·8	29th	296·6	295·7	6th,15th	299·2	*299·1*	- 0·6	182	+30
930	Fernando Noronha	3 50	32 25	106	999·2	1011·1	- 0·3	300·6	301·7	7th	297·0	295·4	11th	298·8	*298·6*	- 0·2	542	+279
934	‡Ascension Island	7 56	W. 14 25	16·8	1011·3	1013·2	+ 0·2	303·4	304·7	16,18,19	298·8	297·4	4th	301·1	*300·0*	+ 0·5	0	-33
939	Loanda	8 49	E. 13 13	51	..	1010·2	- 0·4	302·2	305·0	23rd	296·7	295·4	11th,23rd	299·5	298·9	0·0	79	-42
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
941	Tshibinda	2 19	28 45	2115	..	..	..	292·7	294·6	..	284·5	281·8	..	288·6	*289·0*	..	282	..
943	Maseka	0 20	31 44	1280	..	..	..	299·2	303·0	5th	288·9	287·4	8,11,22	294·1	..	..	247	+67
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·8	1012·4	..	296·1	299·8	4th	287·4	285·6	14th	291·7	290·7	+ 0·3	246	+ 2
944a	Zanzibar	6 10	39 11	17·1	1011·7	1013·7	+ 0·4	302·4	305·4	1st	298·2	296·0	21st	300·3	*299·7*	+ 0·1	291	-66
945	Lamu	2 16	40 50	3·0	..	..	..	303·0	304·1	7,14,15	298·6	296·9	10,17,23	300·8	*300·4*	- 0·3	118	-44
947	Seychelles, Port Office	4 37	55 27	4·6	1010·1	1010·7	+ 0·1	303·7	304·5	16th	296·7	295·4	8th	300·2	*299·4*	- 0·5	144	-33
957	Padang	0 56	100 22	6·7	..	1010·7	0·0	303·6	304·9	22nd	296·7	295·5	1st	300·3	299·6	- 0·1	254	-110
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	+ 0·6	303·9	305·2	16th,22nd	296·7	294·9	7th	300·3	299·9	+ 0·5	111	-126
958a	Pontianak	0 1	109 20	2·6	..	1009·4	- 0·3	305·6	306·9	8th	297·4	296·5	7th	301·5	300·4	+ 0·7	159	-53
959	Pasuruan	7 38	112 55	5·0	..	1009·8	+ 0·3	303·6	305·3	1st	295·9	294·0	10th	299·7	299·8	0·0	83	-112
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	106	..
962	Amboina	3 42	128 10	4·2	..	1008·8	- 0·1	301·7	304·9	1st	296·9	295·1	19th	299·3	298·8	- 0·5	408	+128
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	251	-26
965	Daru	9 4	143 13	7·6	..	1010·2	+ 0·3	302·9	..	..	..	..	..	..	..	..	186	-143
966	Port Moresby	9 29	147 9	38·4	..	1010·0	+ 0·1	303·3	..	..	298·1	..	..	300·5	*300·1*	+ 0·6	217	+113
967	Rabaul	4 9	152 12	12·5	1007·2	1008·5	+ 0·3	305·5	307·3	5th	300·8	..	..	302·1	*301·8*	+ 1·7	237	-11
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?303·7	?305·2	4th	296·4	295·3	18th	301·0	*300·4*	+ 0·4	..	..
970	Ocean Island	0 52	169 35	42·6	1005·2	1010·2	0·0	304·9	305·8	1,2,15	?297·4	?296·9	sev.dates	?300·6	?*300·3*	- 0·1	25	-136
											298·6	296·9	26th	301·7	*301·0*	+ 0·6		
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

APRIL - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·9	+ 0·1	303·4	305·2	20th	296·7	295·8	10th	300·1	300·1	+ 0·6	52	-206
1003	‡Alofi, Niue Island	19 2	169 55	19·8	..	1010·4	- 2·2	303·8	304·7	sev.dates	293·4	290·8	29th	298·6	*298·3*	- 0·2	388	+190
1021	Lima	12 5	77 3	111	997·0	1009·9	..	300·5	303·8	4th	289·4	288·2	16th,27th	294·9	293·4	..	0	..
1022	Arica	18 28	70 20	5	1014·4	1015·0	..	..	..	..	..	..	..	..	*293·2*	..	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·8	..	- 0·7	291·2	294·8	..	276·9	274·7	..	284·1	*283·7*	+ 0·8	22	-14
1025	Corumba	18 59	57 39	116	998·6	1011·6	+ 1·0	303·6	307·2	7th	292·2	284·4	1st	297·9	*297·4*	- 1·0	52	-49
1026	Cuyaba	15 36	56 6	165	992·3	1011·0	+ 0·8	304·9	307·5	7th	293·6	288·5	1st	299·2	*298·2*	- 0·6	52	-50
1027	Bello Horizonte	19 56	43 56	895	914·2	1014·3	- 0·7	298·9	302·2	11th	288·3	285·0	21st	293·6	*292·7*	- 0·8	79	+19
1028	Caetite	14 3	42 37	897	915·9	1014·3	+ 0·8	300·6	305·1	12th	290·3	288·0	27th	295·4	*295·0*	- 0·4	45	-16
1030	Ondina (Bahia)	13 0	38 31	46·6	1007·2	1012·6	- 0·3	301·6	305·6	21st	295·9	294·2	28th,30th	298·8	*298·5*	- 0·2	401	+112
1035	Aracaju	10 55	37 3	6·1	1013·5	1014·3	+ 0·9	302·7	306·1	22nd	296·1	293·6	18th	299·4	*299·0*	..	253	..
1036	St. Helena	15 57	W. 5 40	579	947·0	1013·5	+ 0·6	292·4	298·6	21st	288·8	287·4	27th	290·6	*290·7*	- 0·9	28	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	908·0	1014·2	..	303·5	309·4	3rd	287·1	282·7	29th	295·3	..	0	..	
1041a	Elizabethville	11 39	27 28	1230	878·4	1011·2	+ 1·0	299·8	302·1	3rd	285·9	280·7	28th	292·8	..	- 1·1	35	- 9
1042	Gwelo	19 26	30 2	1411	..	..	..	297·8	303·6	3rd	283·1	278·6	19th	290·4	..	- 1·1	0	-19
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	855·6	1016·0	+ 0·6	297·8	301·9	3rd	284·0	279·2	25th	290·9	290·3	- 0·8	2	-23
1044	Zomba	15 23	35 18	955	908·2	1013·1	+ 0·9	296·1	302·4	4th	288·8	284·7	27th	292·4	*291·8*	- 1·3	93	0
1045	Mossuril	14 57	40 40	15	..	1013·7	..	303·1	305·8	2nd	294·3	290·5	28th	298·7	298·5	..	140	..
1046	Antananarivo	18 55	47 33	1375	865·1	1013·1	0·0	298·5	301·0	2nd	286·4	282·4	28th	292·5	291·6	+ 0·3	26	-24
1056	Cocos, Keeling Is.	12 5	96 53	4·6	1011·6	1012·3	+ 1·1	303·1	304·2	6th,13th	298·7	296·3	2nd	300·9	*300·5*	+ 0·5	168	-80
1057	Christmas Island	10 25	105 43	5·5	1008·3	1009·0	+ 1·0	304·8	306·3	15th,29th	297·7	296·3	6th	301·3	*300·5*	+ 0·5	36	-166
1061	Kupang	10 10	123 34	45	1005·4	1010·5	+ 0·6	304·6	307·0	27th	295·2	293·4	23rd	299·9	299·0	- 0·4	232	+168
1061a	Derby	17 18	123 40	16·2	1010·8	1012·8	+ 1·4	307·1	310·2	15th	292·0	287·3	30th	299·6	..	- 2·0	0	-41
1062	Hall's Creek	18 13	127 46	373	971·7	1013·1	+ 0·8	304·9	311·0	21st	287·3	283·6	26th	296·1	*295·6*	- 2·3	17	- 3
1063	Darwin	12 28	130 51	29·6	1006·0	1009·5	+ 0·4	305·8	307·8	28th	295·8	293·2	29th	300·8	*299·6*	- 1·1	154	+65
1064	Daly Waters	16 16	133 23	211	987·6	1011·3	+ 0·7	305·8	308·6	13th,25th	289·8	286·9	28th,29th	297·8	*297·3*	- 0·1	26	0
1065	Palmerville	16 56	144 8	210	986·7	1010·2	+ 0·2	303·6	306·1	23rd,25th	291·7	285·7	29th	297·8	..	- 1·1	35	-21
1066	Georgetown, Queensland	18 22	143 32	302	978·7	1012·6	+ 0·6	303·7	306·3	23,24,25	288·2	278·6	29th	295·9	..	- 2·6	156	+124
1066a	Willis Island	16 18	149 59	8·5	1009·5	1010·6	..	301·1	302·7	5th	296·8	294·9	12th	298·9	*299·1*	..	193	..
1067	Samarai	10 37	150 40	6·1	..	1010·4	+ 0·8	..	..	..	296·1	..	..	..	¢*301·3*	+ 0·7	144	-112
1072	Suva, Fiji	18 8 S.	178 26 E	6·1	1010·1	1010·8	+ 0·4	301·9	303·6	8,25,28	295·7	293·6	5th,7th	298·8	*298·5*	- 0·1	346	+36

APRIL - ZONE 11 (AMERICA, AFRICA).

BETWEEN LATITUDE 20° S. AND 30° S.

1105	‡Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	301·6	303·0	4,7,10	294·6	290·2	30th	298·1	*297·8*	+ 0·4	161	-21
1121	Punte Tortuga, Coquimbo	29 55	71 22	25	1012·8	1015·6	- 0·1	291·3	294·6	1st	285·4	284·0	14th,25th	288·3	*288·6*	+ 0·9	2	+ 1
1122	Antofagasta	23 42	70 24	94	..	..	..	..	..	..	..	..	..	..	*291·1*	+ 0·6	0	0
1123	Catamarca	28 27	65 47	**528	‡ 953·3	1010·8	- 0·8	301·7	307·2	6th	288·0	280·2	28th	294·8	*294·0*	+ 0·6	32	+14
1124	Salta	24 46	65 28	1182	882·8	1011·9	+ 0·8	297·2	304·5	7th	285·9	282·1	27th	291·6	290·9	+ 0·3	83	+52
1125	Goya	29 9	59 15	37	1010·4	1014·7	+ 0·8	301·6	306·8	21st	287·6	282·5	1st	294·6	*294·6*	+ 1·8	34	-85
1126	Asuncion	25 17	57 41	93	1005·9	1016·6	+ 3·2	303·4	308·5	7th	291·6	287·0	1st	297·5	*297·0*	+ 2·0	38	-108
1127	Curityba	25 25	49 17	908	915·7	1017·8	+ 0·9	294·5	299·3	9th	283·7	277·1	1st	289·1	*288·0*	- 1·7	33	-45
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1014·3	1016·4	+ 1·6	297·7	306·0	10th	292·1	290·6	25th	294·9	295·3	- 1·2	86	-20
1138	Windhoek	22 34	E. 17 6	1727	831·9	1013·3	..	298·7	301·0	6th	285·9	281·6	3rd	292·3	*292·1*	+ 0·4	0	-39
1140	O'Okiep	29 36	17 52	933	911·4	1015·8	- 0·3	295·9	303·4	7th	284·5	279·2	14th	290·2	*289·6*	- 1·7	2	-14
1141	Kimberley	28 44	24 46	1218	882·9	1016·7	+ 0·1	297·2	302·6	9th	283·6	277·5	15th	290·7	290·1	- 0·1	30	- 5
1142	Johannesburg	26 11	28 4	1806	825·6	1017·8	0·0	294·2	297·5	6th	282·8	274·8	16th	288·5	*288·2*	- 0·1	58	+14
	Bulawayo	20 9	28 35	1349	870·5	1017·5	+ 0·1	297·2	303·1	3rd	284·1	279·6	24th	290·7	*290·0*	- 1·1	2	-17
1143	Durban	29 52	31 3	15·2	1016·2	1018·0	- 0·8	298·4	301·3	8th,9th	291·6	287·2	15th	295·0	*294·4*	+ 0·2	72	-14
1144	Lourenco Marques	25 58	32 36	59·5	..	1017·7	+ 0·1	300·6	308·2	14th	290·6	286·9	16,23,24	295·6	295·3	- 0·5	20	-27
1147	Mauritius	20 6	57 33	55·2	1006·5	1012·9	- 1·1	299·9	301·8	12th	294·4	291·0	26th	297·1	296·8	- 0·3	380	+266
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
**Height changed from 510m. to 528m. from April 1st.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

APRIL – ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.			°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1010·8	1011·0	- 1·0	305·1	311·6	16th	291·8	287·9	9th	298·4	..	- 1·2	0	-22
1160	Cue	27 27	117 52	454	963·7	1014·4	- 0·7	303·5	308·2	15th	288·3	283·9	8th	295·9	..	+ 0·3	0	-18
1161	Nullagine	21 53	120 5	386	..	..	..	306·5	309·7	12,14,15	..	..	..	..	..	..	0	-21
1162	Laverton	28 40	122 23	466	963·7	1016·1	- 1·5	302·8	310·2	15th	287·0	282·9	19th	294·9	*294·9*	+ 1·2	0	-22
1163	Alice Springs	23 38	133 37	587	950·0	1015·8	+ 0·5	299·9	306·5	10th	284·0	276·9	28th	291·9	*292·1*	- 1·2	0	-18
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	996·7	1013·4	0·0	301·5	306·6	12th	287·8	277·3	28th	294·7	*294·9*	- 2·3	1	-15
1165	Thargomindah	27 58	143 43	123	1001·3	1015·7	- 0·5	299·2	306·0	11th	286·1	278·6	27th,30th	292·7	*292·6*	- 1·8	7	-13
1166	Mitchell	26 32	147 52	336	977·1	1016·0	- 0·1	297·4	302·2	12th	281·7	273·3	27th	289·6	..	- 2·7	120	+82
1167	Rockhampton	23 24	150 30	11·3	1012·3	1013·5	- 2·0	300·6	304·8	23rd	289·8	280·4	29th	295·2	*294·5*	- 1·5	228	+158
1168	Brisbane	27 28	153 2	41·8	1010·7	1015·2	- 2·4	298·7	303·1	4th	288·4	281·6	27th	293·6	*292·9*	- 0·7	250	+154
1170	Norfolk Island	29 4	167 59	14·9	1011·9	1013·7	- 3·5	295·9	298·0	6th,8th	291·1	287·4	15th	293·5	*293·1*	- 0·1	100	- 8
		S.	E.															

APRIL – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	S. 33 37	W. 78 52	6	1019·1	1019·8	..	293·3	296·3	3rd	..	..	..	..	*290·6*	..	41	-50
1221a	Punta Tumbes	36 37	73 6	120	1003·1	1017·5	+ 1·6	290·0	294·2	14th	283·2	277·6	25th	286·6	*286·8*	+ 0·4	37	- 5
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·0	1014·9	- 0·6	293·1	296·6	24th	283·9	281·4	27th	288·5	*287·8*	+ 0·4	0	-14
1222a	Santiago	33 27	70 42	520	955·1	1015·2	- 0·1	298·2	302·7	22nd	280·9	278·2	30th	289·5	*288·1*	+ 1·2	0	-15
1223	Cordoba	31 25	64 12	423	964·6	1012·9	- 1·2	301·5	306·2	5th	285·7	281·0	27th	293·6	293·2	+ 3·5	35	-10
1224	Bahia Blanca	38 45	62 15	25	1010·5	1013·4	- 1·1	298·2	305·8	3rd	295·2	276·0	26th	291·7	291·5	+ 3·2	52	- 5
1225	Buenos Aires (Chacarita)	34 5	58 9	25	1013·5	1016·5	+ 0·5	298·2	302·1	16th	286·2	277·3	27th	292·2	291·8	+ 2·5	60	-28
1226	Montevideo (Prado)	34 52	56 12	24·9	1014·2	1017·5	+ 1·8	298·2	304·3	6th	284·2	275·5	27th	291·2	291·0	+ 0·6	39	-79
1226a	Porto Alegre	30 2	W. 51 13	23·5	1014·5	1017·3	+ 1·3	299·5	303·5	21st	286·3	282·0	3rd	292·9	292·5	- 0·9	5	-109
1239	Cape Town	33 56	E. 18 29	12·2	1015·3	1016·3	+ 0·7	294·6	303·5	17th	285·3	280·8	16th	289·9	*288·1*	- 0·4	82	+35
1240	Danger Point	34 37	19 18	27·7	1011·7	1015·0	- 0·8	292·2	298·0	22nd	285·6	282·4	15th,30th	288·9	..	- 0·5	37	- 4
1241	Riversdale	34 6	21 16	61·0	..	..	..	297·7	305·8	22nd	282·9	277·2	14th	290·3	..	- 1·1	29	-14
1242	East London	33 1	27 54	45·4	1011·8	1017·1	+ 0·2	296·3	309·7	28th	287·8	284·4	15th	292·1	..	+ 0·3	15	-53
1259	Perth (Observatory)	31 57	115 51	60·0	1010·6	1017·8	- 0·6	296·1	306·4	2nd	285·7	280·2	18th	290·9	*290·7*	- 1·4	30	-12
1260	Katanning	33 42	117 35	310	981·0	1017·3	- 1·4	294·8	302·7	2nd	281·3	274·8	19th	288·1	..	- 1·3	12	-18
1261	Coolgardie	30 57	121 10	423	968·7	1016·9	- 1·6	299·3	309·6	15th	283·4	278·0	25th	291·4	*291·4*	- 0·1	0	-24
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1017·5	1018·8	- 1·3	295·7	303·1	14th	285·1	279·1	27th	290·4	*289·8*	- 0·5	8	-16
1264	Adelaide	34 56	138 35	42·7	1013·1	1018·1	- 1·9	295·8	304·5	16th	284·9	278·3	26th	290·3	*289·9*	- 0·5	11	-32
1265	Melbourne	37 49	144 58	35·1	1011·8	1016·0	- 3·5	292·3	299·6	17th	283·7	277·6	14th	288·0	*287·7*	- 0·3	99	+44
1266	Bourke	30 13	145 58	110	1006·1	1018·9	- 0·2	298·7	306·9	10th,11th	284·2	276·9	27th	291·4	..	- 2·0	22	- 6
1267	Sydney	33 51	151 13	42·1	1010·6	1015·5	- 2·9	295·8	304·5	11th	286·8	281·3	26th	291·3	*290·7*	+ 0·1	138	- 2
1268	Lord Howe Island	31 20	159 0	4·9	1014·9	1015·4	- 3·2	295·3	298·0	13th	289·8	284·7	27th	292·6	..	- 0·7	186	+80
1271	Auckland	36 51	174 48	13·4	..	1011·7	- 6·7	293·4	296·3	12th	285·3	280·9	7th	289·8	..	+ 0·4	117	+29
1272	Napier	39 29	176 55	1·5	..	..	..	290·1	296·9	14th	283·7	276·3	23rd	286·9	..	- 1·0	94	+22
		S.	E.															

APRIL – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 52	W. 176 42	45·7	..	1012·5	- 2·0	..	..	..	..	..	..	..	..	..	40	-43
1321	♯Isla Guafo	43 34	74 45	140	997·5	1014·4	+ 0·2	285·5	288·2	2nd	280·6	278·6	25th	283·1	*283·7*	+ 0·2	153	+38
1322	Punta Galera	40 1	73 44	40	1011·1	1015·9	- 0·2	288·2	290·2	18th	283·7	280·0	26th	285·9	*286·2*	+ 1·1	144	-76
1323	Sarmiento	45 34	69 0	272	976·5	1008·3	- 1·5	291·0	296·8	11th	279·1	270·2	5th	285·0	284·9	+ 1·3	0	-10
1324	♯Puerto Madryn	42 49	W. 64 58	14	1009·0	1010·7	- 0·9	295·7	304·4	15th	280·7	273·9	26th	288·2	289·2	+ 2·1	4	- 9
1365	♯Launceston	41 27	E. 147 10	10·1	1010·9	1012·0	- 3·9	290·1	297·4	1st	281·3	273·7	26th	285·7	*284·9*	- 0·2	137	+84
1366	Hobart	42 53	147 20	53·9	1004·6	1011·1	- 3·6	290·2	301·9	17th	282·5	277·0	26th	286·4	*285·6*	+ 0·5	111	+62
1369	Invercargill	46 25	168 21	3·7	..	..	..	288·2	294·1	25th	278·3	272·4	22nd,23rd	283·2	..	- 0·4	42	-67
1370	Alexandra	45 15	169 24	189	..	..	..	290·2	296·3	13th	277·2	272·2	22nd	283·7	283·3	..	19	-84
1371	Dunedin	45 52	170 31	6·1	..	1016·2	+ 1·0	288·4	294·7	12th	280·4	275·8	30th	284·4	..	+ 0·4	49	-11
1371a	Christchurch	43 32	172 37	7·6	..	1014·4	- 0·9	287·7	294·0	9th	281·2	273·6	1st	284·4	..	- 0·6	38	+73
1372	Wellington	41 16	174 46	128	..	1013·6	- 4·0	288·6	294·6	26th	283·1	277·7	18th	285·8	285·3	- 1·1	172	
		S.	E.															

APRIL – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islote de los Evangelistas	S. 52 24	W. 75 6	55	987·2	993·3	- 8·0	282·8	285·7	2nd	277·9	276·0	29th	280·3	*280·8*	+ 0·7	152	-134
1422	Magallanes (Punta Arenas)	53 10	70 54	28	990·3	993·7	- 7·6	283·5	286·0	1st	277·4	274·6	22nd	280·5	*280·3*	+ 0·7	35	- 5
1423	Punta Dungeness	52 24	68 26	5	993·9	994·5	- 6·4	283·5	288·0	2nd	277·5	274·0	21st	280·5	*280·9*	+ 0·1	11	-13
1424	♯Santa Cruz	50 1	68 31	12	998·3	999·7	- 4·5	288·4	294·2	28th	277·6	269·8	22nd	283·0	282·6	+ 0·8	21	+ 6
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	998·9	- 2·5	283·7	287·4	3rd	276·4	271·3	23rd	280·1	..	+ 1·1	77	+18
1426	Cape Pembroke	51 41	57 42	21·3	995·5	998·1	- 2·7	283·3	286·3	3rd	277·7	274·7	22nd	280·5	280·7	+ 1·0	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	993·6	994·1	- 1·8	278·2	284·0	20th	272·6	269·1	10th	275·4	*275·1*	- 0·3	225	+90
		S.	W.															

APRIL – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	♯South Orkneys	S. 60 44	W. 44 39	7	992·8	993·7	+ 2·7	270·5	277·5	21st	263·4	253·4	17th	267·0	267·4	- 2·5	27	-15
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, MAY 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MAY, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

MAY – ZONE 1.

BETWEEN LATITUDE 80° N. AND 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.			°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1020·3	+ 1·3	269·7	276·3	28th,29th	262·6	251·9	5th	266·1	..	+ 0·5	0	- 3
125	Upernivik	72 47	56 7	19·2	1012·6	1015·0	- 1·0	271·6	276·4	17th	266·7	261·0	7th,8th	269·1	*269·8*	- 0·2	5	- 9
131	Myggbukta	73 30	21 30	3·2	..	1024·8	..	..	284·0	31st	..	244·0	7th	..	*262·5*	..	0	..
132	Scoresbysund	70 29	21 58	16·9	1017·2	1019·3	..	271·3	282·4	30th,31st	263·9	256·6	11th	267·6	*267·5*	..	7	..
135	Jan Mayen	70 59	W. 8 18	23·1	1011·6	1013·5	- 2·0	..	278·1	20th	271·1	264·5	3rd	..	*273·0*	+ 0·4	34	+19
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1016·8	1018·2	+ 2·0	..	276·8	28th	262·0	249·1	1st	..	266·5	- 1·6	34	+22
140	Björnöen	74 28	19 17	40·5	1010·4	1015·6	+ 1·7	..	275·9	27th	267·7	258·2	1st	..	*269·8*	- 1·3	25	+ 4
141	Ingöy	71 4	24 6	4·3	1013·8	1014·3	+ 1·1	..	286·8	24th	274·6	269·6	3rd	..	*276·8*	+ 0·6	29	0
142	Sletnes	71 5	28 14	10·2	1013·9	1015·2	+ 1·3	..	289·4	27th	273·1	264·9	2nd	..	*275·7*	..	30	..
143	Vardö	70 22	31 8	11·8	1014·3	1015·8	+ 1·1	..	285·5	27th	273·2	268·8	1st	..	*275·6*	+ 0·9	19	-16
147	Malye Karmakouly	72 23	52 43	15·3	1015·2	1017·2	+ 4·2	..	..	..	..	..	..	..	*267·0*	- 1·2	..	..
148	Walgatz	70 24	58 47	11·2	1015·1	1016·6	+ 3·0	..	..	..	..	..	..	..	*264·4*	- 2·3	7	- 2
153	Dickson	73 31	80 23	13·0	1012·7	1014·4	+ 0·9	264·5	269·4	22nd	259·2	248·0	1st	261·8	*261·8*	- 2·6	11	+ 5
182	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

MAY – ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1009·6	1010·1	- 2·0	278·2	285·3	31st	271·2	265·2	21st	274·7	*274·9*	+ 0·3	12	- 8
204	Bethel	60 45	161 47	11·6	..	1008·8	..	282·4	287·4	18th,31st	273·3	268·0	2nd	277·9	..	..	26	..
206	Tanana	65 10	152 6	69·5	1004·5	1012·5	+ 0·5	286·8	291·9	27th	274·0	266·3	1st	280·4	*280·9*	+ 0·6	32	+11
208	Rampart	65 30	150 15	114	..	..	..	286·9	293·0	26th,28th	272·6	265·8	3rd	279·7	..	- 0·4	15	+ 3
207	Waldez	61 7	146 16	122	..	..	..	278·2	280·8	10th	273·4	268·0	1st	275·8	..	..	102	..
209	Eagle	64 46	141 12	248	982·0	1012·8	+ 1·3	286·3	294·1	26th	272·8	268·0	13th	279·8	*280·6*	- 0·3	37	+16
210	Dawson	64 4	139 29	324	974·1	1013·1	..	287·6	296·3	26th	273·9	268·0	13th	280·7	*280·3*	- 0·2	24	+ 1
211	Mayo Landing	63 35	135 51	?579	954·5	1024·0	..	285·6	293·8	27th	272·3	268·3	11th,13th	279·2	*279·1*	..	20	..
212	Fort Good Hope	66 15	128 38	65·2	1011·6	1019·7	..	294·5	295·8	22nd	271·6	265·2	6th,14th	278·1	..	+ 1·9	21	+ 4
	Fort Simpson	61 52	121 35	129	1000·9	1016·8	..	286·9	295·2	23rd	274·3	266·9	13th	280·6	*280·5*	+ 0·9	5	-31
213	Hay River	60 51	115 57	161	996·8	1016·7	..	281·3	293·6	9th,19th	268·5	261·9	3rd	274·9	*274·7*	- 2·2	44	+23
225	Jacobshavn	69 13	51 2	31·6	1005·6	1009·6	- 4·6	276·7	285·7	19th	272·3	268·2	2nd	274·5	*274·8*	+ 2·1	8	- 6
226	Godthaab	64 10	51 43	20	..	..	..	282·2	288·6	18th,31st	273·5	270·6	24th	277·9	*277·0*	+ 3·3	19	-23
227	Ivigtut	61 12	48 10	30·0	1004·2	1007·9	- 3·9	282·3	290·6	31st	274·2	271·7	12th	278·3	*278·9*	+ 1·4	71	-20
229	Angmagsalik	65 36	37 33	29·3	1011·9	1015·6	+ 0·1	278·0	286·0	31st	275·2	265·7	9th	276·6	*274·6*	+ 0·6	19	-47
231	Stykkisholm	65 5	22 46	25	..	1011·5	- 2·1	281·3	289·8	29th	274·7	266·6	5th	278·0	*277·8*	+ 0·5	39	+ 4
232	Vestmanno	63 24	20 17	132	..	1009·8	- 2·9	287·9	291·4	30th	276·8	271·6	8th	282·3	*278·9*	+ 0·2	186	+86
233	Grimsey	66 33	18 1	22	..	1013·0	- 1·7	278·5	287·9	29th	..	..	..	..	*275·7*	+ 1·0	10	- 4
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	1012·8	- 1·1	282·6	294·3	29th	275·7	268·7	9th	279·1	*278·7*	+ 1·5	150	+79
236	Hjövig	62 3	6 45	22·9	1009·6	1012·4	- 2·0	283·3	288·2	19th	278·1	272·1	9th	280·7	*280·6*	+ 0·7	92	+ 7
	Lerwick	60 8	W. 1 11	18·0	..	1012·3	- 1·4	283·9	290·2	27th	279·8	275·2	3rd	281·9	*281·8*	+ 1·6	48	- 5
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1009·4	1014·8	+ 1·0	287·3	297·8	24th	279·8	273·6	4th	283·5	*283·2*	+ 1·1	134	+45
238	Aalesund	62 28	6 10	6·3	1014·3	1015·1	+ 1·1	..	294·8	23rd	279·2	273·1	3rd	..	*281·9*	+ 1·1	57	- 4
239	Trondhjem	63 26	10 25	59·2	1008·1	1015·4	+ 0·7	286·4	298·8	26th	277·8	271·4	1st	282·1	*282·2*	+ 1·5	52	+13
240	Bodö	67 17	14 26	17·0	1013·3	1015·8	+ 1·3	..	296·2	26th	277·0	268·3	1st	..	*280·2*	+ 1·4	32	-19
241	Haparanda	65 50	24 9	9·2	1015·5	1016·6	+ 2·3	282·1	293·0	20th,28th	274·0	266·0	1st	278·1	*277·9*	+ 0·6	25	- 6
242	Helsingfors	60 10	24 57	11·7	1015·5	1016·9	+ 1·7	286·7	296·3	28th	277·9	272·3	4th	282·3	*281·8*	+ 1·0	36	- 9
242a	Kuopio	62 55	27 40	233	988·8	1017·1	+ 2·4	..	?301·0	27th	..	..	..	..	*281·3*	+ 1·1	24	-17
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1017·5	1018·3	+ 4·3	..	..	..	..	..	..	..	*279·3*	+ 1·3	33	+ 3
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1007·9	1016·4	+ 3·0	280·4	294·9	22nd	271·4	265·3	27th	275·9	*275·3*	- 0·2	26	- 8
248	Toherdyn	60 24	56 31	?208	991·4	1016·8	+ 2·9	285·5	296·5	23rd	275·2	268·3	28th	280·4	*279·5*	- 1·1	60	+ 9
249	Berezov	63 56	65 4	46	1009·5	1015·3	+ 1·6	..	..	..	..	..	..	..	*273·3*	- 2·1	30	- 7
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1006·2	1012·2	- 0·9	..	..	..	..	..	..	..	*273·6*	- 3·0	44	+ 9
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1002·6	1008·3	- 4·4	..	..	..	..	..	..	..	*269·7*	- 2·1	33	+ 9
261	Vilouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	996·3	1009·3	+ 0·1	..	..	..	..	..	..	..	*280·3*	+ 1·7	8	- 9
263	Verkholansk	67 33	133 24	100	989·1	1001·3	- 6·2	..	..	..	..	..	..	..	*277·4*	+ 2·3	5	- 2
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
269	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1009·0	1011·1	- 4·4	..	..	..	..	..	..	..	*275·6*	+ 6·1	13	+ 3
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1004·7	- 6·1	278·2	281·3	29th	273·8	270·8	22nd	276·0	..	+ 1·6	41	0
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1004·3	1004·7	- 4·6	283·2	290·8	7th	275·7	271·9	7th	279·4	*278·5*	+ 1·6	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	280·7	283·0	3rd	274·8	270·2	29th	277·7	..	..	137	..
305	Dillingham	59 0	158 28	24·4	..	..	..	283·3	289·7	29th, 30th	273·9	271·3	1st, 3rd	278·6	..	+ 0·4	40	+ 7
306	Kodiak (Radio)	57 47	152 22	4·6	1009·4	1010·1	+ 1·3	283·2	287·4	30th	275·9	273·0	3rd, 4th	279·6	*278·9*	+ 0·5	208	+85
309	Sitka	57 3	135 19	19·8	..	..	..	285·7	293·0	5th	274·9	270·8	12th	280·3	..	- 0·9	122	+18
310	Prince Rupert	54 18	130 18	51·8	1013·5	1019·9	+ 4·7	286·1	289·1	20th	278·1	273·0	12th	282·1	*282·0*	+ 0·3	96	-40
311	Barkerville	53 2	121 35	1274	869·6	1014·5	+ 2·9	285·4	293·6	21st	273·0	268·6	1st, 7th	279·2	*278·7*	- 0·3	65	+ 1
312	Kamloops	50 41	120 29	385	971·4	1016·7	+ 0·5	293·7	302·4	21st	280·8	276·3	1st	287·3	*287·2*	- 0·1	18	- 4
313	Calgary	51 2	114 2	1058	893·8	1014·6	+ 3·0	289·6	299·7	23rd	274·9	265·2	15th	282·3	*281·9*	- 0·2	51	- 8
314	Fort Chipewyan	58 43	111 9	218	988·1	1014·7	..	284·3	296·9	19th	273·2	264·1	1st	278·7	*279·3*	0·0	11	-10
315	Prince Albert	53 10	105 38	437	964·8	1016·9	+ 3·3	288·7	302·4	24th	274·1	265·8	6th	281·4	*281·3*	- 1·4	28	-10
316	Qu'Appelle	50 30	103 47	651	940·4	1017·7	+ 4·4	286·5	296·9	24th	273·2	263·6	7th	279·8	*279·8*	- 3·3	49	- 8
317	Minnedosa	50 15	99 50	515	955·1	1016·6	+ 3·2	287·2	298·0	21st	273·8	264·7	17th	280·5	*280·2*	- 2·4	26	-19
318	Berens River	52 18	97 23	216	..	..	..	283·8	302·4	28th	268·3	259·1	15th	276·1	..	- 3·0	36	- 1
318a	Port Nelson	57 0	92 51	14·9	1014·5	1016·4	..	274·8	293·0	28th	265·7	254·7	13th	270·3	*270·8*	- 3·2	24	+ 2
319	Pagwa	50 3	85 18	189	..	..	..	282·2	302·4	29th	272·5	260·8	17th	277·3	..	- 5·7	62	+10
320	Moose Factory	51 14	80 30	9·1	1010·1	1011·2	..	..	..	..	..	..	..	..	..	..	47	+ 2
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	278·8	296·3	28th	270·5	261·9	18th	274·7	..	- 3·9	62	0
324	Natashquan	50 8	61 48	6·1	..	..	..	279·9	285·8	29th	272·2	267·4	20th	276·1	..	- 1·5	85	+ 9
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††60 7	††17 13	§(37)	..	..	..	..	..	Sea Temp. 282·3 | +0·2	..	..	..	..	281·7	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1010·8	1012·5	- 3·0	287·0	296·8	28th	281·4	276·0	2nd	284·2	284·3	0·0	89	+ 8
335	Aberdeen	57 10	W. 2 6	26·0	1010·3	1013·5	- 1·2	285·4	291·3	26th	279·4	272·5	1st	282·4	282·3	+ 0·8	58	+ 1
336	Greenwich	51 28	0 0	46·3	..	1015·9	+ 0·4	291·6	301·3	23rd	279·5	271·3	1st	285·6	285·1	+ 0·3	46	+ 2
337	Uccle	50 48	E. 4 22	100	1003·8	1015·8	+ 0·5	293·3	302·9	27th	280·8	271·4	4th	287·0	286·3	+ 0·9	14	-43
338	De Bilt	52 6	5 11	3·0	1015·8	1016·2	+ 0·9	291·7	301·7	28th	279·9	269·3	4th	285·8	285·7	+ 0·6	36	-14
338a	Hamburg	53 33	9 58	40·3	1012·2	1017·1	+ 1·7	292·3	300·4	25th	281·6	274·4	3rd	286·9	*286·4*	+ 1·4	29	-24
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1016·4	1017·0	+ 1·9	289·0	294·6	26th	280·7	274·0	3rd	284·9	*284·9*	+ 2·1	29	-11
340	Potsdam	52 23	13 4	84·9	1005·9	1016·1	+ 1·0	293·2	301·2	6th, 24th	281·9	272·6	2nd	287·5	287·3	+ 1·4	41	-12
340a	Uppsala	59 51	17 38	24	1013·1	1016·0	+ 1·6	288·4	298·5	27th	277·4	269·6	3rd	282·9	282·9	+ 0·6	78	+35
341	Warsaw	52 13	21 3	89·9	1005·1	1015·8	- 0·4	293·8	299·5	28th	283·5	275·1	2nd	288·7	*288·6*	..	74	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1007·4	1017·2	+ 2·9	292·0	300·6	28th	280·1	272·5	4th	286·1	285·9	+ 3·0	52	+ 8
343	Leningrad	59 56	30 16	4·8	1016·7	1017·3	+ 2·8	..	..	..	..	..	..	..	*284·9*	+ 2·8	53	+11
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	1000·2	1019·8	+ 4·4	..	..	..	..	..	..	..	*288·1*	+ 3·3	29	-20
345	Saratov	51 32	46 2	127	1005·5	1020·8	+ 5·2	294·3	301·7	19th	282·6	271·8	1st	288·4	*288·3*	+ 1·5	29	..
346	Kazan	55 47	49 8	79·9	1011·9	1021·6	+ 5·7	293·2	300·4	18th	280·0	271·5	1st	286·6	*287·0*	+ 1·0	20	-15
347	Orenburg	51 45	55 6	109	1008·2	1021·3	+ 4·8	294·9	302·9	19th	?278·9	270·5	28th	?286·9	*287·6*	+ 0·1	3	-32
348	Perm	58 1	56 16	163	998·8	1018·6	+ 3·5	289·6	298·9	30th	277·3	270·3	28th	283·2	*283·3*	+ 0·3	35	-17
349	Sverdlovsk	56 50	60 38	281	982·8	1016·7	+ 2·3	..	..	..	..	..	..	..	*282·6*	- 0·3	48	+ 5
350	Tobolsk	58 12	68 14	108	1001·2	1014·5	- 0·5	..	..	..	275·3	268·0	28th	..	*279·6*	- 2·5	36	- 4
351	Akmolinsk	51 12	71 23	347	975·2	1016·7	+ 0·1	290·7	300·0	20th	274·5	268·0	24th	282·6	*282·9*	- 2·9	4	-20
352	Omsk	55 1	73 19	108	1000·0	1013·2	- 1·7	..	..	..	..	..	..	..	*281·1*	- 2·8	43	+14
353	Barnaoul	53 20	83 47	158	995·0	1014·7	- 0·9	288·1	299·3	20th	275·7	269·8	24th	281·9	*281·6*	- 2·3	34	+ 1
354	Tomsk	56 30	84 58	123	996·3	1011·3	- 3·0	284·3	296·5	27th	274·5	270·2	24th	279·4	*278·6*	- 2·5	89	+47
355	Minousinsk	53 43	91 41	249	983·8	1013·8	- 1·4	..	..	..	..	..	..	..	*282·1*	- 1·3	47	+12
356	Eniseisk	58 27	92 10	81·2	999·2	1009·2	- 3·3	..	..	..	..	..	..	..	*277·8*	- 2·2	47	+15
357	Irkutsk	52 16	104 19	467	956·6	1012·2	- 1·8	..	..	..	..	..	..	..	*281·5*	+ 0·3	26	- 7
358	Kirensk	57 47	108 7	278	977·5	1011·2	- 0·6	..	..	..	..	..	..	..	*279·1*	- 0·9	38	+14
359	Tchita	52 2	113 30	685	926·6	1005·9	- 3·1	..	..	..	..	..	..	..	*282·5*	+ 1·4	43	+15
360	Nertchinskii Zavod	51 19	119 37	621	936·6	1008·6	+ 0·7	..	..	..	..	..	..	..	*283·5*	+ 1·9	53	+25
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	992·0	1008·9	+ 1·7	..	..	..	..	..	..	..	*286·0*	+ 2·4	24	-16
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1004·8	1010·0	+ 0·5	..	..	..	..	..	..	..	*277·6*	+ 1·2	9	-24
366	øOkhotsk	59 21	143 17	5·5	1010·0	1010·8	- 1·1	..	..	..	..	..	..	..	*273·0*	- 0·3	39	+16
368	øPetropavlovsk (Phare)	52 53	158 43	87·1	999·0	1009·8	- 0·1	..	..	..	..	..	..	..	*275·7*	+ 0·5	27	-30
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		°N. ′	°E. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
øChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·5	1018·0	+ 1·6	288·0	294·1	22nd	280·6	278·6	1st	284·3	*283·8*	- 0·4	24	- 5
412	Portland, Oregon	45 32	122 41	46·6	1013·6	1018·9	+ 1·8	293·2	300·8	19th	282·3	279·1	14th	287·8	*287·4*	+ 1·1	29	-29
413	Macleod	49 44	113 24	953	..	..	..	290·6	301·9	24th	276·9	268·6	6th	283·7	*283·9*	+ 0·6	72	+21
414	Helena	46 34	112 4	1253	873·3	1015·2	+ 1·3	290·2	301·9	22nd	276·6	269·7	15th	283·4	*282·8*	- 0·6	22	-32
414a	Salt Lake City	40 46	111 54	1329	865·8	1012·5	+ 1·3	293·4	303·0	24th	281·7	274·1	26th	287·6	*287·7*	0·0	5	-46
415	Cheyenne	41 8	104 48	1856	812·7	1014·2	+ 1·6	288·3	296·9	14th	275·4	268·6	1st	281·9	*282·0*	- 1·5	37	-24
416	North Platte	41 8	100 45	860	916·6	1015·2	+ 2·0	293·6	305·2	14th	280·7	271·9	2nd	287·2	*287·2*	- 0·6	66	- 6
416a	Bismarck	46 47	100 38	510	955·1	1015·9	+ 1·6	290·8	300·2	13th	276·6	268·0	5th	283·7	*283·6*	- 1·5	60	- 2
417	Winnipeg	49 53	97 7	232	988·3	1016·5	..	288·0	301·3	26th	275·5	267·4	18th	281·7	*281·5*	- 2·4	68	+17
418	Duluth	46 47	92 6	345	975·4	1017·3	+ 2·7	286·6	300·2	28th	275·2	266·3	16th	280·9	*280·6*	- 0·8	50	-36
419	Port Arthur	48 27	89 12	196	992·2	1016·1	+ 1·0	285·3	296·3	30th	274·8	265·8	16th	280·1	*280·1*	- 0·9	33	-20
420	Chicago	41 47	87 35	205	993·4	1017·9	+ 3·4	291·4	305·2	29th	282·2	274·7	3rd	286·8	*286·7*	- 0·9	58	-33
421	Toronto	43 40	79 24	116	1003·0	1017·1	+ 1·9	289·8	305·8	30th	279·8	273·6	10th	284·8	*284·6*	- 0·3	96	+25
422	øNew York (Central Park)	40 47	73 58	47·4	1012·3	1018·0	+ 2·4	294·7	306·9	31st	284·3	278·6	8th	289·5	289·1	+ 0·3	102	+18
423	St. John, N.B.	45 17	66 4	36·3	1012·0	1016·4	..	286·6	293·0	27th	277·9	273·6	20th	282·2	*281·9*	+ 0·5	107	+13
424	S.W. Point, Anticosti	49 24	63 33	9·1	1013·0	1014·1	..	279·3	285·8	29th	273·8	270·8	18th	276·6	*276·6*	- 0·7	38	-24
424a	Sable Island (Main Station)	43 57	60 6	7·6	1018·1	1019·0	..	281·6	285·2	27th	277·0	274·1	20th, 23rd	279·3	*279·1*	- 0·1	114	+27
425	Port aux Basques	47 35	59 10	9·1	1014·2	1015·3	+ 1·9	280·2	289·7	28th	273·8	270·2	24th	277·0	*276·9*	- 0·8	120	+27
426	St. John's, Newfoundland	47 34	52 42	74·1	1006·3	1015·4	+ 2·3	284·2	289·7	26th	..	..	..	..	..	..	87	- 4
435	Madrid	40 24	3 41	667	939·2	1016·1	+ 0·8	293·0	299·3	17th	281·9	277·0	10th	287·5	*286·9*	- 1·2	38	- 2
436	Nantes	47 15	W. 1 34	36·5	1011·0	1015·4	- 0·4	291·0	300·2	23rd	281·3	277·1	10th	286·2	286·4	- 0·2	59	+ 1
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1009·9	1016·0	0·0	293·0	301·6	23rd	281·6	275·8	4th	287·3	287·4	+ 1·0	31	-20
438	Marseille	43 18	5 23	75	..	1013·4	- 0·2	296·9	303·4	31st	283·0	279·4	2nd	290·0	*289·9*	+ 0·7	24	-20
438a	Zürich	47 23	8 33	493	957·7	1015·1	- 0·6	293·5	303·0	26th	281·8	277·2	5th	287·7	286·7	+ 0·7	57	-10
439	Rome	41 54	12 29	45·5	1008·0	1013·6	- 0·6	298·0	303·9	30th	287·2	281·9	5th	292·6	*292·6*	+ 1·9	17	-38
440	Vienna	48 15	16 22	203	990·5	1014·6	+ 0·3	291·9	298·1	29th	284·0	279·2	3rd	287·9	287·9	- 0·1	77	+ 6
440a	Budapest	47 31	19 1	130	998·0	1013·4	- 0·6	296·3	302·2	29th	285·7	280·0	3rd	291·0	290·3	+ 1·3	107	+35
441	Sofia	42 42	23 20	550	949·7	1012·5	- 1·6	296·4	302·9	1st	284·7	280·0	6th	290·5	*290·5*	+ 2·4	59	-28
442	Bucharest	44 25	26 6	82	1003·0	1012·6	- 1·4	299·8	305·0	1st	286·8	280·4	6th	293·3	292·8	+ 3·0	..	..
443	Odessa (Observatory)	46 26	30 46	42·8	1009·1	1014·2	- 0·7	293·1	299·0	23rd	286·4	278·4	2nd	289·7	*289·1*	+ 0·5	25	- 6
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1009·5	1013·9	- 0·6	..	..	..	..	..	..	..	*289·9*	+ 1·3	5	-34
445	Tiflis	41 43	44 48	404	968·7	1017·4	+ 2·7	297·9	304·2	5th	286·7	281·5	31st	292·3	292·4	+ 2·6	90	+ 9
446	Astrakhan	46 21	48 2	-20	1019·6	1017·1	+ 2·0	297·0	305·0	20th	287·3	280·5	29th	292·2	*291·6*	+ 1·1	0	-18
447	Fort Alexandrovsk	44 31	50 7	-23·0	1018·7	1016·0	+ 1·3	..	..	..	..	..	..	..	*292·0*	+ 1·7	1	-14
448	Krasnovodsk	40 0	52 59	-4·6	1014·7	1014·2	+ 0·3	..	..	..	..	..	..	..	*296·0*	+ 2·4	10	0
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*290·2*	+ 0·4	..	..
450	Tashkent	41 20	69 18	479	959·4	1014·0	+ 1·1	298·5	304·5	20th	285·3	278·2	31st	291·9	291·9	- 1·0	47	+16
451	Narynskoe	41 26	76 13	2015	795·6	..	- 0·6	289·6	296·1	28th, 29th	276·3	267·3	12th	283·0	*283·0*	- 1·4	45	- 6
451a	Andijan	40 47	72 23	503	957·0	1014·1	..	300·1	304·7	15th	288·0	277·9	31st	294·0	*293·4*	..	12	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*287·1*	..	114	+25
461	Moukden	41 48	123 23	43·8	1004·7	1009·9	+ 0·9	295·5	304·0	30th, 31st	283·1	274·0	4th	289·3	288·9	+ 0·1	71	+12
462	Joshin	40 40	129 12	31·9	1009·4	1013·3	+ 3·1	285·9	295·7	30th	279·3	273·7	3rd	282·6	281·9	- 1·9	33	-29
463	Yuki	42 20	130 24	63·8	1005·6	1013·4	+ 3·1	285·1	297·8	30th	278·6	272·8	3rd	281·9	281·2	- 1·4	113	+37
464	Vladivostok	43 7	131 54	128	997·2	1012·9	+ 2·6	..	..	..	..	..	..	..	*280·4*	- 2·2	77	+27
465	Ochiai	47 20	142 47	27·4	1010·1	1013·5	+ 2·8	285·7	298·1	31st	273·7	268·4	7th	279·7	279·3	+ 0·6	6	-69
466	Nemuro	43 20	145 35	26·7	1010·7	1014·0	+ 2·5	282·4	293·6	31st	275·1	272·2	5th	278·7	278·3	- 1·2	69	-25
466a	Syana	45 14	147 53	39·3	1009·2	1014·1	+ 2·5	280·9	291·2	29th	272·8	266·9	4th	276·9	276·7	- 1·5	29	-49
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

MAY - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1010·1	1015·9	0·0	290·3	300·2	11th	282·9	281·3	6th	286·6	*285·7*	+ 0·5	0	-19
512	Sacramento	38 35	121 30	21·0	1010·9	1013·5	- 0·4	298·8	304·7	11th	283·3	280·2	5th	291·1	*291·0*	+ 0·7	1	-18
513	San Diego	32 43	117 10	26·5	1010·9	1013·9	- 0·3	293·4	303·6	2nd	286·7	284·1	8th	290·1	*289·6*	+ 1·3	1	- 7
514	Modena	37 48	113 54	1668	831·4	1010·1	+ 0·7	295·4	301·3	24th	276·3	269·7	1st	285·9	*285·8*	+ 1·1	2	-19
515	Santa Fé	35 41	105 57	2138	786·9	1010·5	+ 1·1	292·1	298·6	10th	278·6	268·0	2nd	285·3	*285·3*	- 1·0	142	+115
516	Denver	39 45	105 0	1613	837·1	1014·2	+ 1·8	291·6	300·8	14th	279·3	271·3	1st	285·4	*285·2*	- 1·3	42	-19
517	Abilene	32 23	99 40	530	952·9	1013·2	+ 1·4	300·3	309·7	5th	288·3	279·7	2nd	294·3	*293·7*	- 0·8	107	+ 9
518	Saint Louis	38 38	90 12	173	996·9	1017·6	+ 3·1	294·5	305·2	30th	285·1	273·0	2nd	289·8	*289·8*	- 2·2	256	+142
519	Mobile	30 41	88 2	17·4	1015·8	1017·9	+ 2·5	300·6	307·4	31st	292·9	283·6	3rd	296·8	*296·4*	+ 0·9	132	+21
520	Nashville	36 10	86 47	166	998·9	1018·6	+ 3·0	297·5	305·8	31st	286·9	278·0	3rd	292·2	*292·3*	- 1·0	164	+68
521	Charleston	32 47	79 56	14·6	1018·4	1020·0	+ 4·0	298·8	304·7	7th	291·7	283·0	3rd	295·2	*296·1*	- 0·1	109	+23
522	Washington	38 54	77 3	34·1	1014·3	1018·3	+ 2·8	296·8	306·3	31st	285·3	278·6	17th	291·1	*290·7*	+ 0·3	58	-34
524	Bermuda	32 17	64 46	46·0	1019·2	1024·6	..	298·7	300·8	22nd	292·0	288·6	1st	295·3	*294·9*	+ 0·6	70	-46
		°N. ′	°W. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see Table of Authorities, pages 105-15.

MAY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1021·6	1026·3	+ 5·1	293·3	296·5	21st	286·8	284·6	16th	290·0	289·8	+ 0·2	99	- 6
531	Horta	38 32	28 38	65	1018·5	1026·3	+ 5·1	292·7	295·8	14th	286·9	284·1	9th	289·8	289·4	- 0·4	29	-53
532	Ponta Delgada	37 44	25 40	22	1023·2	1025·9	+ 5·2	291·7	294·1	14th	287·1	284·6	10th	289·4	289·3	- 0·2	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	16	-60
533	Madeira (Funchal)	32 38	16 55	25	1019·2	1022·2	+ 3·3	292·5	298·0	12th	288·4	287·0	8,12,27	290·4	*290·6*	+ 0·1	0	-28
535	Lisbon	38 43	9 9	95	1006·6	1017·9	+ 2·7	292·6	302·0	16th	285·0	282·3	1st	288·8	288·3	- 1·3	15	-35
535a	Melilla	35 17	2 59	40	1012·4	1017·1	..	294·2	298·6	31st	287·9	284·8	2nd	291·1	*291·5*	- 1·5	2	-26
536	Gibraltar	36 6	5 21	**	..	1017·0	+ 0·7	295·7	299·7	14th	286·4	280·2	10th	291·1	*290·4*	- 0·5	5	-36
536a	Colomb-Béchar	31 37	W. 2 13	769	925·1	1009·3	..	..	..	..	281·7	275·0	25th	..	*293·9*	..	0	- 2
537	Palma	39 34	E. 2 39	23	1012·0	1014·7	- 1·0	296·6	303·0	29th	283·9	278·4	2nd	290·3	*290·5*	- 1·0	15	-25
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	0	0
539	Tunis	36 48	10 10	75	1006·4	1015·3	..	309·2	315·8	31st	289·9	279·8	10th	299·5	..	- 2·4	36	+14
540	Malta	35 54	14 31	71·2	..	1012·9	- 1·1	296·0	304·7	30th	286·3	281·3	5th	291·1	*291·0*	- 0·2	8	- 2
541	Athens	37 58	23 43	107	998·9	1011·3	- 2·1	293·9	301·8	31st	288·6	285·2	3rd	291·2	*290·3*	- 0·7	10	-12
542	Alexandria	31 12	29 53	32·0	1008·0	1011·8	- 1·6	300·1	305·3	11th	291·0	285·4	1st	295·6	295·0	+ 2·5	0	- 1
								302·0	312·9	13th	292·1	290·4	1st	297·0	*296·1*	+ 2·1		
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1010·1	- 1·2	304·3	310·2	6th	288·1	284·7	1st	296·2	..	+ 2·0	68	+38
544	Beirut	33 54	35 28	33·7	..	1011·1	- 1·7	298·6	308·6	7th	292·0	289·1	1,2,10	295·3	*295·5*	+ 1·3	4	-17
545	Hinaidi	33 17	44 29	32·3	1002·7	1006·3	- 2·8	311·1	314·7	12th	294·9	289·7	2nd	303·0	*303·3*	+ 1·9	11	+ 3
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	♯Tehran	35 41	51 25	1220	867·9	996·5	..	303·2	306·9	17th	288·7	284·2	5th,29th	295·9	*296·0*	+ 1·6	10	- 5
548	Meshed	36 17	59 39	946	..	..	..	301·5	307·6	18th	284·3	278·0	31st	292·9	..	+ 0·6	28	- 3
549	Seistan	31 0	61 30	?610	952·1	..	..	307·5	313·6	19th	292·9	288·4	1st	300·2	..	+ 0·5	0	- 1
550	Quetta	30 12	67 0	1647	833·5	..	- 0·7	303·3	308·9	30th	285·9	280·2	9th	294·6	*294·7*	+ 1·7	0	- 9
551	Peshawar	34 2	71 37	355	964·6	1003·5	- 0·7	311·7	319·3	31st	295·8	291·1	9th	303·8	*303·6*	+ 1·9	1	-20
551a	Lahore	31 34	74 20	214	978·2	1001·6	- 0·9	314·6	320·1	30th	297·7	293·9	5th	306·1	*306·1*	+ 1·4	1	-17
552	Simla	31 7	77 8	2202	780·5	..	+ 0·3	296·7	302·7	30th	288·8	281·9	8th	292·7	*292·8*	+ 1·9	24	-49
552a	Leh	34 10	77 42	3503	668·1	..	+ 0·6	289·8	297·9	31st	275·6	272·7	9th	282·7	*282·4*	- 0·5	22	+17
559	Hankow	30 35	114 17	37·0	1005·9	1010·2	- 0·6	301·9	308·3	31st	292·3	287·4	17th	297·1	*296·5*	+ 1·5	112	-47
560	Tientsin	39 9	117 9	6·4	1009·0	1009·7	+ 0·1	302·0	310·2	20th	286·8	279·5	4th	294·4	*293·5*	+ 1·0	13	-17
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1010·5	1011·3	+ 0·2	298·4	305·1	24th	287·9	281·7	4th	293·1	292·1	+ 0·5	106	+14
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1004·4	1012·3	+ 1·3	293·6	299·2	28th	284·0	279·2	11th	288·8	288·1	+ 0·7	39	-37
562a	Nagasaki	32 44	129 52	133	996·7	1012·3	+ 0·3	295·3	299·7	19th	287·2	282·0	5th	291·3	290·7	- 0·2	150	-11
563	Kyoto	35 1	135 44	42·9	1007·7	1012·8	+ 0·8	295·1	301·7	20th	284·1	275·0	6th	289·6	289·4	- 0·1	131	+111
564	Tokyo	35 41	139 46	5·8	1011·9	1012·6	+ 0·5	292·7	299·6	24th	285·0	277·2	6th	288·9	288·9	- 0·7	255	+105
565	Hukusima	37 45	140 28	68·5	1004·8	1013·0	+ 1·3	292·9	303·9	21st	282·9	274·6	6th	287·9	287·5	- 0·4	198	+72
566	Miyako	39 38	141 59	30·4	1009·0	1012·7	+ 1·1	288·6	300·4	31st	279·7	266·7	..	284·1	283·5	- 1·8	191	

MAY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1021·4	1022·0	..	300·1	301·9	20th	290·5	286·9	2nd	295·3	*294·7*	+ 0·4	6	-86
605	Honolulu	21 19	157 52	11·6	1016·3	1017·6	0·0	299·8	301·3	20th	294·5	292·4	8th	297·1	*296·9*	+ 0·3	20	-24
613	Guaymas	27 55	110 53	8·3	1010·0	1010·9	..	303·9	308·0	9th	293·2	290·4	7th	298·5	*297·7*	- 1·5	0	..
615	Leon	21 7	101 41	1809	820·6	1006·2	0·0	303·3	305·7	1st	286·0	284·1	16th	294·9	*295·6*	- 0·7	24	- 8
616	Monterry	25 40	100 18	528	951·3	1010·1	+ 1·3	304·8	312·8	1st	293·8	287·5	3rd	299·3	*299·3*	+ 0·5	9	-24
617	Tulancingo	20 5	98 22	2181	789·9	..	+ 0·4	299·0	306·0	1st	282·5	278·0	3rd	290·7	*289·3*	- 1·6	44	- 7
618	Galveston	29 18	94 50	16·5	1014·0	1015·9	+ 1·8	299·2	300·8	17th	294·2	284·7	2nd	296·7	*296·6*	- 0·2	267	+176
618a	New Orleans	29 57	90 4	16·2	1015·4	1017·3	+ 2·4	301·7	307·4	31st	293·5	286·9	2nd	297·6	*297·1*	+ 0·4	194	+87
619	Mérida, Yucatan	20 58	89 38	22	1010·9	1013·4	+ 0·7	306·6	311·0	14th	296·7	295·6	22nd	301·7	*300·7*	+ 0·4	98	+27
620	Havana	23 7	82 25	77·0	1006·8	1015·6	+ 1·1	303·5	306·4	26th	295·5	293·2	17th	299·5	299·0	..	28	..
620a	Key West	24 33	81 48	6·7	1016·4	1017·3	+ 2·3	302·8	304·7	20th	297·0	293·6	10th	299·9	*299·7*	+ 0·8	151	+62
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·3	+ 2·9	303·3	304·7	5,6,20	296·2	293·6	1st	299·8	*299·7*	+ 1·2	52	-98
622	Watling Island(San Salvador)	24 6	74 26	33·5	1015·7	1019·5	+ 3·2	..	303·0	3,5,21	..	296·9	22nd,30th	..	*299·5*	+ 0·1	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	298·9	302·6	8th	289·0	287·9	29th	293·9	*291·7*	..	2	- 7
634m	Izaña	28 19	16 30	2367	769·5	..	+ 1·6	284·2	290·2	31st	276·3	272·5	1st	280·3	*280·2*	- 1·6	5	+33
634	La Laguna	28 28	16 20	547	958·2	1019·3	+ 2·6	291·1	293·8	12th,13th	284·7	281·0	12th	287·9	*287·4*	- 1·2	49	..
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giaratub	29 45	24 31	49	..	..	..	310·4	316·5	25th	293·5	284·5	9th	301·9	..	..	0	..
642	Siwa	29 12	25 29	-23	1012·8	1010·0	- 3·0	311·0	317·2	12th	292·3	287·0	8th	301·6	*300·8*	+ 3·6	0	..
643	Cairo (Helwan)	29 52	31 20	116	997·1	1010·4	- 1·7	309·0	316·3	5th	292·6	288·5	1st	300·8	*300·7*	+ 3·1	0	- 1
643m	Aswan	24 2	32 53	100	997·2	1008·0	- 1·5	316·3	321·0	23rd	298·2	293·4	19th	307·2	*306·8*	+ 4·3	..	..
644	Tor	28 14	33 37	1·9	1008·3	1008·4	- 1·4	306·3	312·5	21st	294·8	291·0	2nd	300·6	*300·0*	+ 2·3	0	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 16·2m. to 27·4m. from May 30th.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

MAY - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1006·1	1006·5	..	304·9	310·8	31st	298·0	292·4	1st	301·4	*300·8*	+ 0·4	0	- 1
649	Jask	25 45	57 45	4·0	1004·2	1004·6	..	307·2	310·2	31st	299·3	294·3	2nd	303·2	*302·6*	+ 0·5	0	0
649	Karachi	24 53	66 57	4·0	1004·8	1005·4	- 0·5	304·9	313·0	5th	299·4	297·8	1st	302·2	*301·6*	+ 0·4	0	- 2
650	Jacobabad	28 17	68 29	56·7	995·7	1001·9	- 0·7	317·7	321·3	30th	299·7	292·8	11th	308·7	*308·3*	+ 0·6	1	- 3
651	Jalpur	26 56	75 52	436	957·0	1004·0	+ 0·3	314·4	317·3	22nd	298·3	294·8	17th	306·4	*305·9*	- 0·2	14	0
652	Nagpur	21 8	79 5	310	970·5	1003·7	- 0·1	316·7	318·7	31st	302·0	297·7	20th	309·3	*308·7*	+ 1·3	0	-21
653	Allahabad	25 25	81 51	94·2	991·6	1001·9	- 1·4	316·8	319·2	6th	301·1	296·6	14th	308·9	*308·5*	+ 2·0	0	- 9
653a	Darjeeling	27 3	88 15	2265	774·6	..	- 0·4	292·3	295·9	31st	285·4	283·2	15th	288·9	*289·0*	+ 1·5	75	-146
654	Calcutta	22 32	88 20	6·4	1003·6	1004·4	- 0·6	309·4	312·0	20th	300·4	295·9	23rd	304·9	*304·7*	+ 1·8	39	-107
655	Gauhati	26 8	91 41	59·7	1000·4	1007·2	- 0·4	303·2	309·6	13th	295·4	292·5	6th	299·3	*298·2*	- 0·5	396	+174
655a	Cherrapunji	25 15	91 42	1313	865·9	..	- 0·9	294·9	298·7	30th	289·4	286·9	21st	292·2	*291·6*	+ 0·1	2233	+1057
656	Akyab	20 11	92 56	6·1	1006·6	1007·3	- 0·1	305·2	307·3	27th	298·8	293·7	6th	302·0	*302·3*	+ 0·1	602	+248
656a	Mandalay	21 59	96 0	76·2	998·6	1007·1	- 0·1	308·5	312·0	5th	298·9	295·8	12th	303·7	*303·4*	- 1·1	325	+176
657	Tengyueh	25 2	98 33	1626	836·4	1007·9	..	295·4	299·7	28th	288·6	283·6	3rd	292·0	*291·5*	+ 0·8	138	+12
658	♯Mi Lien	20 48	106 38	116	..	1006·7	- 0·4	304·1	310·5	26th	297·6	294·1	3rd	300·9	300·1	+ 0·7	172	-17
659	♯Moncay	21 31	107 51	9·0	..	1007·2	- 0·4	304·6	308·0	25th	297·4	294·8	17th	301·0	*300·1*	+ 1·0	236	-41
660	♯Hongkong	22 18	114 10	33·2	..	1008·7	- 0·4	301·1	305·2	25th	296·9	292·5	4th	299·0	298·6	+ 0·7	168	-139
	Amoy	24 26	118 4	4·9	1010·2	1010·7	0·0	301·0	302·4	17,18,21	295·3	292·4	5th	298·1	*297·8*	+ 1·4	104	-54
661	Taihoku, Formosa	25 2	121 31	9·3	1008·7	1009·7	- 0·5	301·9	305·8	2nd	293·7	290·5	29th	297·8	297·2	+ 0·2	282	+46
662a	Basco	20 28	121 59	18·7	..	1008·3	- 0·2	303·8	305·8	18th	298·2	296·3	4th	301·0	300·6	+ 0·1	351	+129
662	Naha	26 12	127 39	29·5	1007·5	1010·9	- 0·1	297·7	300·0	26th	293·0	288·3	5th	295·3	295·4	- 0·7	321	+76
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1013·5	1014·0	+ 0·9	299·3	301·9	31st	294·2	290·6	6th	296·7	296·5	+ 0·8	114	-91
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

MAY - ZONE 7.

715	Colima	N. 19 12	W. 103 45	498	956·7	1012·2	+ 1·7	307·8	310·6	12th	290·9	288·0	14th	299·3	*298·0*	- 0·5	0	-10
716	Morelia	19 42	101 7	1923	809·1	1006·5	0·0	299·4	301·7	18th	286·8	284·9	15th	293·1	*293·2*	+ 0·5	63	+19
717	Mexico, Tacubaya	19 24	99 12	2309	774·3	..	+ 0·4	299·8	303·6	1st	282·3	280·0	3rd	291·1	289·3	- 0·5	38	-13
718	Salina Cruz	16 12	95 12	56	1004·0	1010·4	- 0·5	304·6	308·6	9th	297·3	294·2	30th	300·9	*301·3*	0·0	196	+111
719	San Salvador	13 42	89 13	682	936·3	1011·6	+ 0·1	306·7	310·6	13th	292·0	290·0	2nd	299·3	*296·7*	- 0·6	198	+25
720	Belize	17 31	88 11	5·2	1013·0	1013·6	+ 1·4	..	..	..	297·4	294·7	29th	..	‡*299·1*	- 1·0	233	+138
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·0	+ 2·0	303·6	305·7	11th	294·6	293·1	11th	299·1	*298·9*	- 0·1	277	+118
722	Port au Prince	18 33	72 20	37·4	1011·2	1015·5	+ 1·5	305·4	307·6	7th,11th	294·8	292·4	28th	300·1	*299·6*	+ 0·2	174	-64
723	♯Caracas	10 30	66 56	1043	900·0	1014·2	..	298·5	302·5	19th	289·4	286·9	4th	293·9	*293·0*	- 0·8	145	+74
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·8	1016·9	+ 1·3	300·3	303·6	30th	295·4	292·4	28th	297·9	*297·5*	- 1·0	202	+81
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·5	1013·2	+ 0·3	302·8	305·2	3rd	295·9	294·7	26th	299·3	*298·9*	- 0·2	217	+111
725	Barbados	13 8	59 36	57·9	..	1014·7	+ 0·5	303·3	304·0	18th,30th	296·3	295·2	8th	299·8	*299·7*	+ 0·1	37	-26
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·9	1015·2	+ 0·6	297·3	297·5	1,16,31	293·8	293·0	19th	295·5	*295·7*	+ 0·1	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·0	1014·9	+ 0·2	299·8	301·8	22nd	294·3	293·6	28th,31st	297·0	*297·1*	- 0·1	0	0
733	♯Dakar	14 40	17 26	32	..	1012·1	..	302·4	305·7	22nd	292·7	290·9	1st	297·5	*295·4*	+ 0·3	0	- 1
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	298·7	303·0	23rd	293·7	292·4	1,4,11	296·2	*296·0*	- 1·7	2	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	317·4	321·0	7th	296·3	293·0	2nd	306·9	*306·8*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	311·4	315·8	3,5,13	298·7	294·7	5th,24th	305·1	*304·8*	- 0·2	124	+74
738	Kaduna Capital	10 32	7 25	?637	..	..	..	305·8	308·6	1st,13th	..	..	..	..	‡*300·1*	+ 1·3	109	-36
739	Hadeija	12 40	10 5	?	..	..	..	313·4	318·0	14th,15th	..	..	..	..	‡*304·5*	- 0·7	0	-33
740	Maiduguri	11 47	13 11	361	..	..	..	314·6	319·7	11th	298·6	293·6	26th	306·6	*306·3*	+ 0·5	64	+26
741	♯El Fasher	13 32	25 18	730	925·1	1004·0	..	312·7	315·0	sev.dates	294·7	289·5	2nd	303·7	*302·5*	+ 0·4	35	+25
743	El Obeid	13 11	30 14	563	945·5	1007·1	+ 1·3	310·6	314·5	2nd	296·2	292·0	22nd	303·4	*302·5*	- 0·6	80	+67
743a	Khartoum	15 37	32 33	390	964·2	1006·4	+ 0·7	314·8	318·0	20th	300·0	292·9	11th	307·4	*307·3*	+ 0·7	6	+ 3
744	Port Sudan	19 37	37 13	5·5	1008·2	1008·8	+ 0·2	310·5	315·5	29th	300·7	298·0	2nd,4th	305·0	*304·8*	+ 0·8	0	- 7
745	♯Berbera, Somaliland	10 22	45 2	13·8	1005·0	1006·5	- 1·7	309·3	314·7	30th,31st	301·3	297·5	1st	305·3	*304·1*	+ 1·2	0	- 3
746	Aden	12 45	45 3	29·9	1005·3	1008·6	- 0·6	308·3	307·1									
751	Bombay	18 54	72 49	11·3	1007·9	1009·1	- 0·1	307·0	307·9	21st,25th	300·9	299·5	11th	303·9	303·5	+ 1·0	0	-21
752	Kodaikanal	10 14	77 28	2343	771·6	..	+ 0·6	294·2	295·6	27th,28th	285·9	283·8	12th	290·1	*289·6*	+ 0·7	183	+30
752m	Bangalore	12 59	77 38	921	909·2	1008·3	+ 0·5	305·9	309·2	26th	293·8	290·6	28th	299·9	*298·9*	+ 0·1	75	-36
753	Madras	13 4	80 14	6·7	1005·6	1006·4	- 0·6	310·4	315·3	24th	300·7	296·3	4th	305·6	*305·1*	+ 0·6	19	- 8
754	Vizagapatam	17 42	83 19	11·6	1004·1	1005·5	- 0·4	306·7	310·1	28th	301·3	296·9	19th	304·0	*303·4*	- 0·1	68	+17
755	Port Blair	11 40	92 40	18·0	1006·5	1008·5	- 0·2	303·7	305·7	5th	298·5	296·9	24th	301·1	*300·5*	- 0·5	316	-86
756	Rangoon	16 46	95 48	5·5	1007·6	1008·3	- 0·2	306·0	311·3	4th	298·2	294·9	23rd	302·1	*300·8*	0·0	222	-82
757	Cap St. Jacques	10 20	107 5	180	..	1009·4	..	304·7	307·3	18th	297·8	296·0	28th	301·3	*300·8*	0·0	131	-73
758	Nhatrang	12 15	109 12	3·6	..	1007·8	..	305·7	308·4	28th	297·4	296·0	2nd	301·6	*301·1*	+ 0·2	25	-25
759	♯Bolinao	16 23	119 53	2	..	1008·3	+ 1·0	306·8	?311·0	14th	298·3	296·5	27th	302·5	*301·9*	+ 0·2	223	+54
761	Vigan	17 34	120 23	12·2	..	1007·9	- 0·2	305·7	307·1	22nd	298·7	296·2	6th	302·2	301·8	0·0	379	+206
762	Manila	14 35	120 59	14·2	..	1008·5	+ 0·1	307·0	309·7	8th	297·2	294·5	3rd	302·1	301·5	+ 0·1	181	+65
763	Ormoc	11 0	124 36	5·6	..	1008·2	+ 0·3	305·0	307·3	7th	296·5	294·9	17th,20th	300·7	*300·4*	+ 0·4	378	+290
765	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·7	+ 0·5	303·9	305·2	15th,20th	298·1	296·0	1st	301·0	*301·7*	+ 0·5	89	-14
766	Saipan	15 14	145 46	207	988·5	1008·7	..	301·8	302·3	25th,31st	296·4	295·2	1st	299·1	298·8	..	63	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

MAY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
805	Fanning Island	3 54	159 23	5·3	1011·0	1011·7	+ 0·9	303·7	305·8	31st	298·1	295·8	30th	300·9	*300·5*	+ 0·3	177	-141
821	Cristobal	9 23	79 54	11·0	..	1010·5	- 0·1	303·3	305·2	21st	297·9	296·3	8th	300·6	300·1	+ 0·5	256	-58
822	Bogota	4 36	74 5	2645	747·6	..	+ 1·2	291·9	295·3	2nd	283·7	282·2	10th,20th	287·8	*287·3*	- 0·1	125	+10
822a	Merida, Venezuela	8 36	71 9	1641	‡ 841·9	..	..	296·4	298·7	29th	288·5	286·9	6th	292·5	*291·3*	- 0·6	144	-106
823	Ciudad Bolivar	8 9	63 33	38	1006·6	1010·9	..	304·2	306·6	2nd	296·7	295·6	20th	300·4	*299·9*	- 1·2	223	+154
824	El Peru, Guayanavieja	7 19	61 49	220	986·0	1011·1	+ 0·4	..	..	..	296·0	293·9	6th	..	‡*295·9*	- 0·7	220	+87
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·5	- 0·3	301·9	302·4	sev.dates	297·5	296·3	27th	299·7	*299·4*	- 0·1	271	-20
826	Paramaribo	5 49	55 9	3·7	1012·2	1012·6	- 0·4	303·4	304·9	7th	296·3	295·6	4,7,31	299·9	*299·0*	0·0	364	+88
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	504	-83
831	10°-5°N. 30°-25°W.	††7 4	††27 4	(90-128)	..	1014·2	+ 1·8	..	..	298·8‖0·4	..	..	..	..	..	298·7 - 0·3	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·3	1011·2	0·0	303·4	305·2	7th,8th	296·5	294·1	18th,24th	299·9	299·3	- 0·6	214	-56
835	Assuantsi	5 18	1 15	97·3	999·2	1010·3	..	303·1	305·8	2nd	294·7	292·4	20th	298·9	*298·2*	- 0·3	122	-13
836	Accra	5 33	W. 0 12	**	..	1011·0	+ 0·4	302·9	306·6	14th	297·2	294·1	19th	300·1	*299·7*	- 0·2	119	..
837	Lagos	6 27	E. 3 24	3·0														
838	Victoria, Nigeria	4 1	9 12	15·5	1011·8	1012·1	+ 1·5	303·0	304·7	2,3,5	297·4	294·1	10th	300·2	*299·7*	- 0·5	274	+74
839	‡Yola	9 12	12 30	259	..	..	..	304·2	308·0	..	..	..	..	..	..	..	368	-33
841	Wau	7 42	28 3	440	960·8	1009·8	+ 1·4	308·1	314·1	1st	297·5	292·7	30th	303·3	*302·8*	+ 0·6	86	+26
								307·3	311·0	1st,2nd	293·8	291·5	3rd,12th	300·6	*299·5*	- 0·7	167	
843	Malakal (Kodok)	9 35	31 37	394	965·6	1009·8	+ 1·1	307·0	311·1	5th	295·2	293·0	22nd,28th	301·1	*299·6*	- 1·3	133	+41
843a	Mongalla	5 11	31 47	448	959·8	1010·0	+ 0·4	306·7	309·8	31st	294·3	292·1	8th	300·5	*299·2*	0·0	144	+ 5
844	Entebbe	0 5	32 29	1171	885·1	1011·3	+ 0·6	298·9	300·6	12th,23rd	290·3	288·6	7th,29th	294·6	*294·5*	+ 0·7	106	-121
845	Sheikh	9 55	45 15	1463	..	..	..	299·9	302·4	sev.dates	289·3	281·9	7th	294·6	..	..	60	-21
851	Minicoy	8 17	72 49	2·7	1010·2	1010·5	+ 0·4	304·6	306·4	21st	299·1	296·0	29th	301·8	*301·2*	..	248	+86
851a	Cochin	9 58	76 21	2·7	1009·3	1009·7	- 0·1	304·4	305·9	22nd	298·8	296·9	2nd	301·6	*301·0*	- 0·1	123	-172
852	Colombo Observatory	6 54	79 52	7·3	..	1009·0	+ 0·8	303·4	304·3	1st	298·3	293·6	12th	300·9	*300·3*	+ 0·1	393	+118
853	Nuwara Eliya	6 58	80 46	1881	814·1	1011·3	+ 1·2	294·6	297·4	16th	284·7	280·2	18th	289·7	*289·9*	+ 0·1	189	+18
854	Trincomalee	8 35	81 15	30·2	..	1006·2	+ 0·7	305·6	307·6	26th	298·8	294·7	12th	302·2	*301·6*	- 0·2	81	..
855	Kuta Raja	5 32	95 20	7·1	..	1008·7	- 0·6	..	..	..	..	..	..	..	..	..	154	+ 1
856	Medan	3 35	98 41	25	..	1008·8	- 0·2	304·8	307·3	16th	296·3	294·4	1st	300·5	300·0	+ 0·4	168	- 8
857	Penang	5 34	100 20	5·0	..	..	..	307·3	308·0	sev.dates	295·3	292·4	29th	301·3	*300·5*	+ 0·4	204	-72
858	Singapore	1 18	103 51	10·9	..	..	..	303·9	305·7	10th	297·1	295·8	6th	300·5	*300·0*	- 0·3	159	-10
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	998·5	1008·8	- 0·1	304·2	306·9	2nd	297·7	296·3	sev.dates	300·9	300·1	..	187	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·3	305·2	sev.dates	297·2	295·8	8,9,30	300·8	*301·2*	- 0·3	338	+177
860	‡Iwahig	9 44	118 38	14·3	..	1008·4	- 0·9	304·7	306·2	8th	295·9	295·0	19th	300·3	*299·7*	- 0·3	310	+150
861	Tagbelaran	9 38	123 51	21·3	..	1008·3	0·0	304·7	307·5	7th	296·9	295·6	8th	300·8	300·2	- 0·4	121	+36
861a	Menado	1 30	124 50	8·5	..	1009·0	+ 0·3	303·1	304·6	29th	296·3	294·9	2nd	299·7	299·3	0·0	197	+37
862	Surigao	9 48	125 29	6	..	1008·8	+ 0·3	303·8	306·1	1st	297·3	295·9	24th	300·5	300·0	- 0·1	365	+213
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·9	+ 1·4	303·6	305·5	23rd	298·1	296·6	25th	300·9	300·0	- 0·3	204	-55
864	Palau	7 20	134 29	31·8	1005·8	1009·4	..	302·9	304·4	25th,31st	297·5	295·6	17th	300·2	299·9	..	442	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·4	1009·8	..	302·4	303·8	13th	297·2	295·6	24th	299·8	299·5	..	676	..

MAY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	S. 8 32	W. 172 31	1·8	..	1010·6	..	303·3	304·2	13th	301·0	299·1	6th	302·3	..	..	146	..
920	Lambayeque	6 46	80 55	15	..	..	..	301·8	305·5	1st	290·2	288·0	14th	296·0	295·1	..	0	..
921	Quito	0 14	78 30	2816	728·3	..	+ 0·1	293·4	295·7	14th	281·6	277·6	23rd	287·5	286·1	+ 0·2	153	+20
924	Manaos	3 8	60 1	43·6	..	..	..	302·5	305·3	28th	295·3	293·6	31st	298·9	*298·3*	- 0·7	133	-36
926	Taperinha	2 30	54 20	21·0	1009·8	1012·3	+ 0·4	302·8	304·0	17th	296·0	294·6	8th	299·4	*298·2*	+ 0·2	346	+63
927	Turyassu	1 43	45 26	9·1	1010·3	1011·4	+ 0·1	304·2	306·8	1st	294·7	293·6	4th	299·4	*298·6*	+ 0·2	354	+19
928	Barra do Corda	5 30	45 16	81·0	1000·7	1010·1	- 0·5	304·2	305·8	19th	294·1	291·5	31st	299·2	*298·2*	+ 0·5	23	-45
929	Quixeramobim	5 16	39 16	207	989·5	1013·0	+ 0·5	301·3	302·9	2nd	296·0	295·0	14th,23rd	298·6	*299·0*	- 0·4	146	+ 1
930	Fernando Noronha	3 50	32 25	106	1000·0	1011·9	- 1·1	300·3	301·4	8th,10th	297·2	295·2	24th	298·8	*298·5*	0·0	429	+186
934	‡Ascension Island	7 56	W. 14 25	16·8	1012·3	1014·1	- 0·1	303·2	304·1	sev.dates	297·4	295·2	4th	300·3	*299·2*	+ 0·1	7	-16
939	Loanda	8 49	E. 13 13	51	..	1012·6	+ 0·7	299·1	302·2	5th	293·9	291·6	27th	296·5	295·9	- 1·4	0	-13
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·2	294·2	..	283·5	281·2	..	288·3	*289·1*	..	129	..
943	Masaka	0 20	31 44	1280	..	..	..	300·8	303·6	25th	289·5	288·0	10,22,28	295·1	..	..	78	-78
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·1	1015·3	..	293·7	296·3	29th	286·1	282·6	23rd	289·9	289·2	- 0·5	211	+78
944a	Zanzibar	6 10	39 11	17·1	1013·9	1015·9	+ 0·4	302·1	303·8	8th	297·6	294·6	15th	299·8	*299·3*	+ 0·5	112	-165
945	Lamu	2 16	40 50	3·0	..	..	..	302·4	303·6	8,12,14	298·0	295·2	25th,28th	300·2	*299·6*	+ 0·1	83	-383
947	Seychelles, Port Office	4 37	55 27	4·6	1010·6	1011·1	- 0·7	302·3	303·7	3rd	297·3	294·7	13th	299·8	*299·0*	- 0·6	96	-87
957	Padang	0 56	100 22	6·7	..	1010·8	+ 0·7	303·8	305·9	11th	296·6	295·6	29th	300·2	299·8	0·0	565	+251
958	Batavia	6 11	106 50	8·0	1008·0	1009·9	+ 0·5	304·6	306·1	26th	296·7	295·4	18th	300·7	300·3	+ 0·8	114	+13
958a	Pontianak	0 1	109 20	2·6	..	1008·9	- 0·6	305·8	307·3	19th	297·7	296·9	31st	301·7	300·8	+ 0·7	265	-15
958	Pasuruan	7 38	112 55	5·0	..	1010·3	+ 0·4	303·5	304·7	8th	294·1	291·5	24th	298·8	299·0	- 0·5	0	-93
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	10	-137
962	Amboina	3 42	128 10	4·2	..	1010·1	+ 0·7	300·5	302·7	4th	296·8	295·2	22nd	298·7	298·4	- 0·6	990	+474
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	108	-94
965	Daru	9 4	143 13	7·6	..	1011·3	+ 1·1	301·6	..	..	297·4	..	..	299·5	*299·1*	0·0	106	-140
966	Port Moresby	9 29	147 9	38·4	..	1010·7	+ 0·4	301·4	..	..	296·9	..	..	299·2	*298·8*	- 0·7	100	-432
967	Rabaul	4 9	152 12	12·5	1007·5	1008·9	+ 0·1	305·9	307·4	8th	296·1	295·3	13th,22nd	301·0	*300·4*	+ 0·3	273	+127
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·6	304·1	7th	297·6	296·0	27th,29th	300·1	*299·8*	- 0·5	394	+196
970	Ocean Island	0 52	169 35	**	1005·7	1010·6	+ 0·3	304·4	305·8	2nd	298·4	296·9	24,30,31	301·4	*300·7*	+ 0·3	117	- 6
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
**Accra. Height changed from 16·0m. to 17·7m. from May 22nd.
†Estimates not based on at least six equally spaced observations each day are in italics.
‖Change of normals, see Table of Authorities, pages 105-15.
§Number of observations.
**Ocean Island. Height changed from 42·6m. to 39·6m. from May 18th.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

MAY - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2·0	..	1010·6	- 0·3	302·7	304·4	1st	296·4	293·7	26th	299·6	299·5	+ 0·2	114	-40
1003	‡Alofi, Niue Island	19 2	169 55	19·8	..	..	..	302·2	303·6	7th,16th	291·7	289·1	28th	296·9	*296·6*	- 0·5	204	+82
1201	Lima	12 5	77 3	111	998·2	1011·2	..	296·4	301·8	1st	288·6	286·3	29th	292·5	291·4	..	5	..
1202	Arica	18 28	70 20	5	1015·8	1016·4	..	..	..	..	293·0	286·0	26th	..	*292·1*	..	0	0
1204	La Paz, Bolivia	16 30	68 8	3658	657·9	..	- 0·8	290·2	292·9	..	275·1	272·7	..	282·7	*282·0*	+ 0·3	10	- 2
1205	Corumba	18 59	57 39	116	1001·6	1015·0	+ 2·2	299·3	305·8	8th	288·0	281·2	30th	293·6	*293·2*	- 3·2	21	-52
1206	Cuyaba	15 36	56 6	165	995·0	1014·2	+ 1·7	301·2	307·5	8th	289·9	285·0	30th,31st	295·9	*294·7*	- 2·4	76	+27
1207	Bello Horizonte	19 56	43 56	895	916·6	1017·5	0·0	297·2	300·8	11th	286·1	283·0	25th	291·7	*290·8*	- 0·9	20	+ 6
1208	Caetite	14 3	42 37	897	917·5	1016·7	+ 1·0	298·7	301·3	28th	287·2	284·8	26th,28th	293·3	*293·2*	- 1·1	6	- 8
1209	Ondina (Bahia)	13 0	38 31	46·6	1009·8	1015·2	+ 0·8	300·0	302·0	10th	294·6	293·2	22nd	297·3	*297·2*	- 0·7	437	+153
1210	Aracaju	10 55	37 3	6·1	1015·2	1016·0	+ 1·2	301·2	302·5	20th	295·3	292·1	25th	298·2	*297·8*	..	170	..
1216	St. Helena	15 57	W. 5 40	579	947·8	1014·6	+ 0·8	290·7	292·4	6th,7th	287·5	286·3	19,21,22	289·1	*289·8*	- 1·2	79	..
1238	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1241	Livingstone	17 51	25 51	972	909·6	1016·7	..	301·9	305·9	12th	285·3	280·7	30th	293·6	..	..	0	..
1242	Elisabethville	11 39	27 28	1230	879·9	1014·0	+ 1·2	299·9	301·7	8th	280·8	277·8	31st	290·9	..	- 0·8	0	- 5
1243	Gwelo	19 26	30 2	1411	..	..	..	297·3	301·9	10th	281·1	276·9	24th	289·2	..	+ 0·4	1	- 7
1244	Salisbury (Dept. Agric.)	17 48	31 5	1489	856·9	1018·6	+ 0·5	296·7	301·2	11th	282·1	279·1	29th	289·4	288·6	+ 0·5	7	- 5
1245	Zomba	15 23	35 18	955	909·8	1014·7	- 0·4	297·4	301·9	29th	286·3	283·0	13th	291·9	*291·2*	+ 0·1	9	-17
1246	Mossuril	14 57	40 40	15	..	1016·2	..	302·3	303·6	7th	291·9	288·5	13th	297·1	297·2	..	16	..
1247	Antananarivo	18 55	47 33	1375	866·7	1016·5	+ 0·2	296·1	298·6	30th	283·9	280·9	15th,17th	290·0	289·2	- 0·1	0	-14
1265	Cocos, Keeling Is.	12 5	96 53	4·6	1011·5	1012·1	+ 0·3	302·6	303·8	24th,27th	298·4	296·9	20th	300·5	*300·1*	+ 0·3	249	+47
1267	Christmas Island	10 25	105 43	5·5	1008·5	1009·2	+ 0·9	305·3	306·3	19,21,29	297·7	296·9	sev.dates	301·5	*300·9*	+ 1·0	13	-213
1341	Kupeng	10 10	123 34	45	1006·6	1011·7	+ 1·1	305·3	307·3	19th	294·7	291·3	26th	300·0	299·3	+ 0·1	0	-28
1342	Derby	17 18	123 40	16·2	1012·6	1014·7	+ 1·2	304·7	307·4	9th	290·4	285·2	28th,27th	297·6	..	- 0·8	1	-15
1343	Hall's Creek	18 13	127 46	373	973·5	1015·3	+ 0·3	302·9	305·8	4,6,18	286·3	278·8	27th,28th	294·6	*294·0*	0·0	0	- 9
1345	Darwin	12 28	130 51	29·6	1008·4	1011·8	+ 0·9	304·8	306·4	6th	293·8	290·9	25th	299·3	*298·1*	- 1·3	0	-17
1344	Daly Waters	16 16	133 23	211	989·9	1013·7	+ 0·6	304·3	306·9	2,17,18	286·9	279·1	28th	295·6	*295·0*	- 1·0	0	- 4
1346	Palmerville	15 56	144 8	210	989·4	1013·2	+ 1·2	302·7	304·6	10th	288·3	283·7	27th	295·5	..	- 1·6	0	-14
1348	Georgetown, Queensland	18 22	143 32	302	981·2	1015·5	+ 1·3	301·9	304·1	17th,18th	284·4	276·9	26,27,28	293·2	..	- 2·3	0	-10
1349	Willis Island	16 18	149 59	8·5	1012·5	1013·6	..	300·3	301·4	8th	295·6	293·9	22nd	297·9	*297·9*	..	38	..
1347	Samarai	10 37	150 40	6·1	..	1012·3	+ 1·5	302·7	..	..	297·1	..	..	299·9	*299·6*	+ 0·7	195	-129
1472	Suva, Fiji	18 8	178 26	6·1	1010·9	1011·7	- 0·9	300·8	303·0	19th,20th	295·4	291·9	24th,26th	298·1	*297·8*	+ 0·4	174	-82
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

MAY - ZONE 11 (AMERICA, AFRICA).

BETWEEN LATITUDE 20° S. AND 30° S.

1206	‡Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	300·3	301·9	3rd,13th	293·6	288·6	29th	296·9	*296·6*	+ 0·7	85	-52
1261	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·6	1017·4	+ 0·6	290·5	294·8	11th	283·1	279·9	28th	286·8	*287·4*	+ 0·8	1	-29
1262	Antofagasta	23 42	70 24	94	..	..	..	..	..	..	..	..	..	..	*288·9*	+ 0·1	0	- 2
1263	Catamarca	28 27	65 47	510	‡956·5	1015·8	+ 2·4	294·2	303·0	1st	280·5	268·8	29th	287·4	*286·9*	- 2·0	1	-12
1264	Salta	24 46	65 28	1182	884·1	1016·1	+ 1·8	292·5	302·6	14th	280·0	270·9	31st	286·2	285·6	- 1·8	4	- 5
1266	Goya	29 9	59 15	37	1014·8	1019·2	+ 3·4	296·3	304·2	1st	282·0	273·0	30th	289·2	*288·6*	- 0·7	6	-63
1268	Asuncion	25 17	57 41	93	1008·6	1019·7	+ 4·8	298·0	304·7	1st	286·0	277·0	30th	292·0	*291·3*	- 0·7	5	-118
1269	Curityba	25 25	49 17	908	916·2	1019·4	+ 0·7	291·2	297·9	9th	281·6	271·1	30th	286·4	*285·6*	- 1·2	176	+72
1270	Rio de Janeiro	22 54	W. 43 10	18·3	1015·8	1018·0	+ 1·2	297·1	305·0	10th	290·9	288·2	21st	294·0	293·7	- 1·1	129	+48
1339	Windhoek	22 34	E. 17 6	1727	832·3	1015·7	..	296·6	300·3	7th	283·5	280·6	13th	290·1	*289·7*	+ 1·3	0	- 8
1340	O'Okiep	29 36	17 52	933	912·6	1017·7	- 0·6	294·8	302·8	1st	283·4	278·3	29th	289·1	*288·4*	+ 1·4	10	-14
1341	Kimberley	28 44	24 46	1218	883·7	1018·8	- 0·8	296·2	301·4	8th	281·3	273·2	30th	288·7	287·9	+ 2·3	6	-13
1342	Johannesburg	26 11	28 4	1806	826·2	1018·6	+ 0·2	292·1	296·8	7th	282·2	276·4	30th	287·1	*286·7*	+ 1·7	31	+12
1343	Bulawayo	20 9	28 35	1349	871·6	1019·3	- 0·1	297·4	301·2	10th	282·2	278·2	29th	289·8	*289·0*	+ 0·6	5	- 4
1344	Durban	29 52	31 3	15·2	1016·3	1018·1	- 2·5	297·2	300·3	3rd	289·7	284·4	31st	293·4	*292·8*	+ 0·9	32	-16
1347	Lourenço Marques	25 58	32 36	59·5	..	1018·3	- 0·7	300·2	307·0	6th	289·1	285·4	13th	294·7	293·9	+ 0·6	2	-38
	Mauritius	20 6	57 33	55·2	1009·1	1015·5	- 0·9	298·3	299·5	19th	292·2	288·4	12th	295·3	295·0	- 0·3	204	+127
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
‖Change of normals, see Table of Authorities, pages 105-15.

MAY – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1011·6	1012·1	- 2·3	300·8	302·7	2,10,17	291·6	286·6	27th	296·2	..	+ 1·0	51	+13
1160	Cue	27 27	117 52	454	963·6	1015·7	- 1·4	294·6	302·6	1st	284·8	280·8	21st	289·7	..	- 0·4	88	+60
1161	Nullagine	21 53	120 5	386	..	..	..	301·9	304·7	3,8,15	..	..	..	..	..	..	18	+ 1
1162	Laverton	28 40	122 23	466	963·8	1017·5	- 1·4	294·4	304·3	1st	283·8	278·3	22nd	289·1	*289·0*	+ 0·4	56	+29
1163	Alice Springs	23 38	133 37	587	951·5	1018·4	+ 0·4	296·6	304·1	4th,5th	279·5	273·0	26th	288·0	*287·9*	- 0·3	0	-16
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	0	..
1164a	Boulia	22 55	139 38	146	999·4	1016·3	+ 0·6	298·7	304·8	6th	282·8	278·2	30th	290·7	*290·6*	- 1·6	0	-10
1165	Thargomindah	27 58	143 43	123	1003·8	1018·3	+ 0·2	295·6	301·9	6th	281·9	276·3	25th	288·7	*288·5*	- 0·8	0	-23
1166	Mitchell	26 32	147 52	336	979·8	1019·4	+ 1·5	294·7	299·4	6th	275·9	271·4	25th	285·3	..	- 2·3	0	-34
1167	Rockhampton	23 24	150 30	11·3	1015·9	1017·2	- 0·2	298·4	301·6	7th	285·7	278·6	26th	292·1	*291·2*	- 1·2	0	-38
1168	Brisbane	27 28	153 2	41·8	1013·6	1018·1	- 0·5	295·6	300·9	7th	284·7	281·1	9th	290·1	*289·6*	- 1·0	11	-60
1170	Norfolk Island	29 4	167 59	14·9	1007·9	1009·8	- 7·8	293·5	296·1	2nd	288·6	284·7	17th	291·0	*290·6*	- 0·6	112	-27

MAY – ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1017·9	1018·6	..	290·5	293·8	2nd	..	..	..	..	*288·1*	..	106	-57
1221a	Punta Tumbes	36 37	73 6	120	1003·0	1017·5	+ 1·5	287·7	295·5	1st	280·5	276·2	26th	284·1	*284·5*	- 0·9	133	+51
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1011·9	1016·9	+ 0·4	292·9	299·0	11th	282·8	277·4	28th	287·7	*286·2*	+ 0·1	61	-21
1222a	Santiago	33 27	70 42	520	956·3	1017·7	+ 0·6	290·9	301·0	1st	277·6	271·0	31st	284·3	*282·9*	- 0·6	44	-30
1223	Cordoba	31 25	64 12	423	967·8	1017·6	+ 2·2	294·8	303·4	1st	277·1	267·3	29th	286·0	*285·3*	- 0·9	6	-11
1224	Bahia Blanca	38 45	62 15	25	1013·4	1016·4	+ 1·9	291·0	297·9	2nd	279·0	272·0	15th	285·0	284·8	+ 0·3	18	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1015·7	1018·7	+ 1·9	290·8	298·0	5th	280·5	272·8	30th	285·6	285·3	- 0·5	52	-21
1226	Montevideo (Prado)	34 52	56 12	24·9	1012·6	1015·9	- 0·5	290·9	299·7	5th	280·6	272·7	20th	285·8	*285·7*	- 0·9	31	-89
1228a	Porto Alegre	30 2	W. 51 13	23·5	1016·3	1019·1	+ 1·6	294·5	301·8	6th	283·8	273·4	31st	289·1	288·9	- 1·0	110	+ 9
1239	Cape Town	33 56	E. 18 29	12·2	1017·1	1018·6	+ 0·7	291·3	302·3	1st	284·3	279·7	4th	287·8	*286·3*	- 0·1	58	-37
1240	Danger Point	34 37	19 18	27·7	1012·1	1015·4	- 2·6	290·8	296·9	1st	285·3	282·4	1st,20th	288·1	..	+ 0·3	37	-36
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·2	302·7	20th	281·1	276·3	31st	287·7	..	- 0·1	47	+ 8
1242	East London	33 1	27 54	45·4	1012·2	1017·5	- 0·6	294·9	304·7	21st	285·9	277·9	31st	290·4	..	+ 0·6	27	-17
1259	Perth (Observatory)	31 57	115 51	60·0	1007·9	1015·1	- 3·3	292·2	298·1	8th	284·8	280·6	22nd	288·5	*288·5*	- 0·4	292	+164
1260	Katanning	33 42	117 35	310	978·1	1014·7	- 3·6	289·7	295·2	1st	280·7	274·7	29th	285·2	..	- 0·7	122	+65
1261	Coolgardie	30 57	121 10	423	967·4	1016·5	- 2·7	292·1	303·8	1st	282·2	277·8	4th	287·1	*287·0*	- 0·2	72	+39
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1018·5	1019·8	- 0·6	292·5	301·3	2nd	284·1	278·0	26th	288·3	*287·8*	+ 0·2	18	-31
1264	Adelaide	34 56	138 35	42·7	1015·0	1020·1	+ 0·1	292·2	299·4	3rd	282·9	278·8	10th	287·6	*287·4*	+ 0·3	36	-33
1265	Melbourne	37 49	144 58	35·1	1015·1	1019·2	0·0	289·7	295·3	5th	280·9	275·2	10th	285·3	*285·0*	+ 0·2	47	- 8
1266	Bourke	30 13	145 58	110	1007·8	1020·9	+ 0·2	295·5	302·4	6th	280·4	275·3	9th	287·9	..	- 0·6	0	-26
1267	Sydney	33 51	151 13	42·1	1013·4	1018·4	- 0·1	292·1	299·7	5th	284·0	281·1	9th	288·0	*287·3*	+ 0·1	263	+131
1268	Lord Howe Island	31 20	159 0	4·9	1016·7	1017·3	- 0·1	293·1	295·4	7th	288·1	284·9	17th	290·6	..	- 0·6	118	-23
1271	Auckland	36 51	174 48	13·4	..	1015·6	- 0·2	290·5	292·6	7th	283·6	278·8	29th	287·0	..	+ 0·3	104	-16
1272	Napier	39 29	176 55	1·5	..	..	..	288·0	293·8	7th,9th	280·4	273·3	24th	284·2	..	- 1·1	141	+44

MAY – ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 52	176 42	45·7	..	1015·9	+ 6·8	..	..	..	..	..	..	..	..	..	34	-64
1321	∮Isla Guafo	43 34	74 45	140	1000·0	1017·0	+ 3·0	283·1	287·0	9th	279·0	276·0	25th	281·1	*281·9*	- 0·3	91	-27
1322	Punta Galera	40 1	73 44	40	1011·9	1016·8	+ 2·2	286·0	290·2	1st	281·3	277·0	27th	283·9	*284·0*	+ 0·1	245	-80
1323	Sarmiento	45 34	69 0	272	982·0	1015·1	+ 4·5	284·7	295·4	2nd	273·6	261·9	31st	279·2	279·2	- 0·5	11	- 7
1324	∮Puerto Madryn	42 49	W. 64 58	14	1012·4	1014·1	+ 2·0	288·8	296·8	4th	275·3	268·0	29th	282·3	283·5	+ 0·1	29	+ 9
1365	∮Launceston	41 27	E.147 10	10·1	1015·8	1017·0	+ 1·0	288·2	291·4	4th,5th	279·2	273·1	27th	283·7	*283·1*	+ 0·6	46	-23
1368	Hobart	42 53	147 20	53·9	1010·5	1017·1	+ 1·8	287·5	296·1	3rd	280·4	275·2	28th	283·9	*283·3*	+ 0·6	40	- 8
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·7	293·0	6th,23rd	276·8	269·7	17th	282·2	..	+ 1·4	62	-49
1370	Alexandra	45 15	169 24	159	..	..	..	282·8	290·4	7th	271·4	266·1	18th	277·1	276·4	..	8	..
1371	Dunedin	45 52	170 31	6·1	..	1018·6	+ 4·6	285·3	289·1	2nd	277·3	273·6	17th	281·3	..	- 0·1	13	-70
1371a	Christchurch	43 32	172 37	7·6	..	1018·1	+ 4·4	285·3	292·0	8th	275·6	270·8	28th	280·4	..	- 1·4	13	-52
1372	Wellington	41 16	174 46	128	..	1018·5	+ 3·5	286·3	291·6	5th	280·2	276·8	28th	283·3	282·9	- 1·3	88	-31

MAY – ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islote de los Evangelistas	52 24	75 6	55	1001·4	1008·2	+ 7·9	281·3	285·2	2nd	276·5	273·5	30th	278·9	*279·1*	+ 0·5	58	-180
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1003·1	1006·6	+ 4·5	280·4	285·0	21st	275·5	273·0	30th	277·9	*279·0*	+ 0·9	13	-31
1423	Punta Dungeness	52 24	68 26	5	1005·1	1005·7	+ 5·1	281·1	287·5	2nd	275·6	273·3	28th	278·3	*278·4*	+ 0·2	21	+ 1
1424	∮Santa Cruz	50 1	68 31	12	1007·9	1009·4	+ 4·4	282·2	297·4	2nd	274·2	270·0	28th	278·2	278·0	- 0·1	19	+ 5
1425	∮Stanley, Falkland Is.	51 42	57 51	1·8	..	1006·3	+ 3·5	279·9	284·1	1st	273·9	266·3	31st	276·9	..	- 0·2	51	-13
1426	Cape Pembroke	51 41	57 42	21·3	1002·5	1005·1	+ 3·8	280·3	283·5	1,2,4	275·2	271·9	8th,9th	277·7	278·1	+ 0·4	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	997·6	998·1	+ 2·7	276·2	288·5	5th	270·6	267·3	29th	273·4	*273·4*	+ 0·3	49	-85

MAY – ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	∮South Orkneys	60 44	44 39	7	993·8	994·7	+ 2·0	270·9	276·5	22nd	261·2	244·4	28th	266·0	266·3	+ 0·3	17	-16
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, JUNE 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JUNE, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. JUNE – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1018·9	+ 3·2	276·2	280·8	29th,30th	271·0	266·3	9th	273·6	..	- 1·0	12	+ 5
125	Upernivik	72 47	56 7	19·2	1012·0	1014·4	+ 2·4	277·7	282·9	26th,27th	272·5	268·0	3rd	275·1	*274·9*	+ 0·2	4	- 9
131	Myggbukta	73 30	21 30	3·2	..	1021·8	..	..	288·6	25th	..	267·7	14th	..	*273·6*	..	16	..
132	Scoresbysund	70 29	21 58	16·9	1015·8	1017·9	..	279·0	284·2	1st	273·9	267·7	6th	276·5	*275·9*	..	13	..
135	Jan Mayen	70 59	W. 8 18	23·1	1010·6	1013·4	+ 0·1	..	281·9	22nd	273·9	269·3	3rd	..	*275·6*	- 0·1	7	- 8
136	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1013·4	1014·7	+ 1·8	..	279·5	24th	271·7	262·9	4th	..	274·0	- 0·9	2	- 9
140	Björnöen	74 29	19 17	40·5	1007·1	1012·2	+ 0·1	..	277·6	22nd	271·0	266·0	3rd	..	*272·6*	- 1·3	9	-12
141	Ingöy	71 4	24 6	4·3	1008·9	1009·4	- 1·1	..	287·5	23rd	276·6	272·7	5th	..	*278·9*	- 0·3	43	+ 5
142	Sletnes	71 5	28 14	10·2	1009·2	1010·4	- 1·9	..	281·9	18th	275·9	272·1	4th	..	*277·7*	..	38	..
143	Vardö	70 22	31 8	11·8	1008·9	1010·3	- 3·0	..	283·6	7th	275·6	272·2	5th	..	*277·6*	- 1·1	40	0
147	Malye Karmakouly	72 23	52 43	15·3	1008·7	1010·6	- 0·9	..	..	..	..	..	..	..	274·7	+ 0·7	..	..
148	Waigatz	70 24	58 47	11·2	1009·0	1010·4	- 1·9	..	..	..	..	..	..	..	*272·7*	- 1·3	23	0
153	Dickson	73 31	80 23	13·0	1012·0	1013·6	+ 1·3	275·2	282·4	25th	270·1	258·9	4th	272·6	*272·4*	- 0·3	20	+ 4
182	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. JUNE – ZONE 2.

201	Preobrajenye	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1009·6	1010·1	- 2·9	289·8	295·8	24th,25th	276·7	270·2	19th	283·3	*283·9*	+ 3·1	4	-28
204	Bethel	60 45	161 47	11·6	..	1009·1	..	290·9	299·1	26th	279·8	275·3	1st	285·3	..	..	21	..
205	Tanana	65 10	152 6	69·5	1001·4	1009·1	- 3·2	294·1	300·2	29th,30th	280·8	275·8	5th	287·5	*289·2*	+ 0·7	38	+13
206	Rampart	65 30	150 15	114	..	..	..	294·2	299·1	29th	278·7	273·5	2nd,17th	286·5	..	- 0·9	8	-17
207	Valdez	61 7	146 16	122	..	..	..	282·3	289·7	25th	275·9	273·6	1st	279·1	..	..	39	..
208	Eagle	64 46	141 12	248	978·6	1008·8	- 2·3	294·3	299·7	23rd	279·4	273·0	2nd	287·1	*289·2*	+ 0·7	39	0
209	Dawson	64 4	139 29	324	969·5	1007·5	..	294·9	299·7	7th,23rd	278·7	273·0	16th	286·8	*286·7*	0·0	38	+ 7
210	Mayo Landing	63 35	135 51	?579	950·1	1017·5	..	294·1	299·1	23rd	279·5	274·1	15th	286·8	*286·6*	..	21	..
211	Fort Good Hope	66 15	128 38	65·2	1007·9	1015·8	..	294·1	299·1	27th,28th	278·1	271·3	15th,22nd	286·1	..	- 0·3	18	+ 2
212	Fort Simpson	61 52	121 35	129	996·3	1011·8	..	291·5	301·3	3rd	280·2	271·9	22nd	285·9	*285·3*	- 0·2	21	-20
213	Hay River	60 51	115 57	161	990·4	1010·1	..	284·9	297·4	1st	273·4	270·2	10th,20th	279·2	*278·5*	- 3·8	49	+20
225	Jacobshavn	69 13	51 2	31·6	1005·0	1008·9	- 2·1	279·9	289·3	29th	275·2	271·6	6th	277·5	*277·8*	+ 0·1	11	-10
226	Godthaab	64 10	51 43	20	..	..	..	284·3	292·6	28th	276·0	272·3	6th	280·1	*279·6*	+ 2·2	34	+ 1
227	Ivigtut	61 12	48 10	30·0	..	..	..	288·0	294·7	2nd	278·8	273·7	7th	283·4	*283·7*	+ 2·6	51	-26
229	Angmagsalik	65 36	37 33	29·3	1011·9	1015·5	+ 2·5	282·2	291·3	30th	274·6	271·3	3rd	278·4	*279·5*	+ 0·6	4	-49
231	Stykkisholm	65 5	22 46	25	..	1011·8	+ 0·6	285·0	289·3	26th	278·6	276·0	5th	281·8	*281·3*	+ 0·5	39	0
232	Vestmanno	63 24	20 17	132	..	1011·1	- 0·9	285·5	290·6	27th	279·2	276·2	23rd	282·3	*281·5*	+ 0·1	42	-41
233	Grimsey	66 33	18 1	22	..	1012·0	- 0·5	280·9	287·7	26th	..	..	..	..	*278·5*	0·0	8	-10
234	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
235	Teigarhorn	64 41	14 22	18	..	1011·0	- 1·3	286·7	294·5	27th	278·6	274·2	7th	282·7	*281·7*	+ 1·4	47	-18
236	Hjöivig	62 3	6 45	22·9	1008·0	1010·8	- 3·2	283·9	287·4	27th	278·8	274·1	5th	281·3	*281·4*	- 0·9	80	+12
237	Lerwick	60 8	W. 1 11	18·0	..	1010·1	- 3·9	285·4	289·7	12th	280·5	275·8	5th	282·9	*282·8*	+ 0·2	55	+10
238	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1004·7	1010·1	- 3·3	287·8	296·0	26th	281·0	276·2	7th	284·4	*283·9*	- 1·1	144	+55
239	Aalesund	62 28	6 10	6·3	1009·0	1009·9	- 4·0	..	..	16th	280·9	276·0	5th	..	*283·0*	- 1·1	102	+49
240	Trondhjem	63 26	10 25	59·2	1002·1	1009·3	- 4·7	287·4	294·5	25th	279·9	274·9	4th	283·7	*283·5*	- 1·5	46	+ 3
241	Bodö	67 17	14 26	17·0	1007·2	1009·2	- 4·3	..	293·5	24th	279·7	273·8	2nd	..	*282·9*	+ 0·1	45	- 8
242	Haparanda	65 50	24 9	9·2	1007·0	1008·1	- 3·0	289·7	297·5	21st	280·6	276·0	1st	285·1	*285·2*	+ 0·7	29	- 8
243m	Helsingfors	60 10	24 57	11·7	1007·2	1008·6	- 3·8	289·6	295·1	30th	281·9	276·2	2nd	285·7	*285·6*	- 1·2	43	- 3
	Kuopio	62 55	27 40	233	980·0	1007·7	- 3·7	289·8	297·5	16th	280·7	274·0	1st	285·3	*284·9*	- 1·6	24	-34
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1006·4	1007·2	- 4·8	..	..	..	..	..	..	..	*284·2*	- 0·7	59	+14
247	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Oust-Tsylma	65 25	52 18	? 68	999·1	1007·3	- 4·3	289·1	299·3	9th	278·8	272·0	27th	284·0	*283·9*	+ 0·4	21	-26
	Tcherdyn	60 24	56 31	?208	983·2	1007·7	- 2·2	293·1	301·5	9th	283·0	274·8	1st	288·0	*287·7*	+ 0·5	50	- 2
249	Berezov	63 56	65 4	46	1004·2	1009·7	- 1·1	..	..	..	..	..	..	..	*285·6*	+ 2·1	91	+40
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1005·0	1010·6	+ 1·2	..	..	..	..	..	..	..	*288·6*	+ 3·0	35	-24
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1005·2	1010·7	+ 1·6	..	..	..	..	..	..	..	*292·0*	+ 0·6	14	-26
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Irkoutsk	62 1	129 43	108	992·6	1005·2	- 0·3	..	..	..	..	..	..	..	*288·8*	+ 0·2	36	- 1
263	Verkholansk	67 33	133 24	100	988·0	999·8	- 3·8	..	..	..	..	..	..	..	*286·5*	+ 0·7	33	+ 9
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1011·0	1013·1	- 0·1	..	..	..	..	..	..	..	*276·9*	- 0·9	31	+10
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

RÉSEAU MONDIAL

JUNE - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. 24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1009·5	- 2·9	280·9	285·2	25th	276·4	272·4	1st	278·7	..	+ 0·8	20	-22
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1003·8	1004·4	- 8·0	285·6	295·2	4th	278·7	275·2	30th	282·2	*281·7*	+ 1·4	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	281·3	283·0	2,22,30	277·4	272·4	3rd	279·3	..	..	77	..
305	Dillingham	59 0	158 28	24·4	..	..	..	290·2	298·6	23rd,25th	279·6	275·2	22nd	284·9	..	+ 0·3	14	-36
306	Kodiak (Radio)	57 47	152 22	4·6	1007·8	1008·4	- 6·4	285·3	292·4	16th	279·8	276·9	15th	282·5	*282·1*	- 0·7	85	-23
309	Sitka	57 3	135 19	19·8	..	..	..	288·7	297·4	15th	279·3	274·7	15th	284·0	..	+ 0·2	40	-46
310	Prince Rupert	54 18	130 18	51·8	1007·3	1013·6	- 3·2	289·4	293·6	23rd	280·9	276·9	4th	285·2	*284·9*	+ 0·5	60	+45
311	Barkerville	53 2	121 35	1274	..	..	..	288·6	295·2	5th	276·7	271·3	20th	282·5	..	- 0·4	134	- 6
312	Kamloops	50 41	120 29	385	968·1	1012·7	- 2·8	295·8	302·4	6th	284·7	279·1	2nd	290·2	*290·3*	- 0·7	27	
313	Calgary	51 2	114 2	1058	891·1	1009·1	- 0·9	294·2	300·2	29th	280·3	275·2	24th	287·3	*286·7*	+ 0·8	66	- 8
314	Fort Chipewyan	58 43	111 9	218	981·7	1007·6	..	289·3	301·9	4th	280·1	274·1	20th	284·7	*285·3*	+ 0·1	48	+13
315	Prince Albert	53 10	105 38	437	957·7	1008·0	- 3·4	295·3	304·7	16th	281·9	274·7	1st	288·6	*289·3*	+ 1·0	62	- 6
316	Qu'Appelle	50 30	103 47	651	936·0	1010·6	- 0·7	294·4	304·1	16th	281·2	273·6	25th	287·8	*287·9*	- 0·3	29	-59
317	Minnedosa	50 15	99 50	915	950·9	1010·4	- 1·1	294·4	304·1	16th	280·2	269·7	12th	287·3	*287·6*	- 1·2	35	-44
318	Berens River	52 18	97 23	216	..	..	..	294·1	306·9	18th	277·9	270·2	12th	286·0	..	- 1·1	15	-29
318a	Port Nelson	57 0	92 51	14·9	1009·5	1011·3	..	285·5	298·6	18th,19th	274·8	267·4	1st	280·2	*280·5*	- 0·1	34	-19
319	Pagwa	50 3	85 18	189	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	1008·3	1009·4	..	..	..	..	..	..	..	..	..	..	..	-46
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	11	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	-12
324	Nateshquan	50 8	61 48	6·1	..	..	..	289·2	299·7	17th	279·2	270·8	1st,13th	284·2	..	- 1·3	64	+60
326	Belle Isle	51 53	55 23	130	..	..	..	287·4	294·1	26th	278·0	271·9	12th	282·7	..	- 0·2	138	..
333a	62°-57°N. 20°-15°W.	††59 47	††17 10	§ (20)	..	..	..	..	..	Sea Temp. 283·7	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1014·8	1016·5	+ 0·5	288·9	293·9	28th	283·7	280·4	26th	286·3	286·3	- 0·5	87	- 1
335	Aberdeen	57 10	W. 2 6	26·0	1009·5	1012·6	- 2·2	287·7	293·1	19th	281·2	276·1	5th	284·5	284·3	- 0·2	46	- 2
336	Greenwich	51 28	0 0	46·3	..	1016·5	+ 0·1	293·4	301·3	19th	282·4	279·1	5th	287·9	287·4	- 0·6	31	-20
337	Uccle	50 48	E. 4 22	100	1004·6	1016·6	+ 0·4	293·6	303·0	12th	282·2	277·6	24th,25th	287·9	286·9	- 1·0	89	+22
338	De Bilt	52 6	5 11	3·0	1015·4	1015·8	- 0·1	291·9	301·4	20th	282·1	276·6	5th	287·0	286·8	- 1·5	66	-14
338a	Hamburg	53 33	9 58	40·3	1010·0	1014·6	- 0·4	291·3	301·1	19th	283·1	278·2	5th	287·2	*286·8*	- 1·7	45	- 3
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·5	1012·1	- 2·1	289·5	295·5	20th	282·1	276·0	6th	285·8	*285·9*	- 1·0	86	+36
340	Potsdam	52 23	13 4	84·9	1004·5	1014·7	- 0·3	293·2	304·4	20th	283·0	277·5	5th	288·1	287·9	- 1·0	89	+27
340a	Uppsala	59 51	17 38	24	1005·2	1008·1	- 4·7	290·9	297·2	13th	280·1	271·4	3rd	285·5	285·6	- 1·3	54	+ 3
341	Warsaw	52 13	21 3	89·9	1003·5	1014·2	+ 1·5	293·0	301·9	21st	283·2	275·8	2nd	288·1	*288·2*	..	68	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	999·4	1009·1	- 3·6	291·1	299·1	21st	281·5	276·4	4th	286·3	286·3	- 1·7	67	+ 9
343	Leningrad	59 56	30 16	4·8	1007·4	1008·0	- 4·5	..	..	..	..	..	..	..	*286·6*	- 1·1	29	-21
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	989·0	1008·4	- 3·8	..	..	..	..	..	..	..	..	..	67	+ 9
345	Saratov	51 32	46 2	127	993·9	1008·9	- 1·4	295·4	302·6	7th	2285·1	277·8	5th	290·2	*289·9*	- 1·0	110	..
346	Kazan	55 47	49 8	79·9	998·7	1008·1	- 3·1	295·5	304·4	7th	285·8	281·5	4th,5th	290·2	*290·1*	- 0·3	129	+71
347	Orenburg	51 45	55 6	109	996·6	1009·3	- 2·5	299·6	309·3	30th	285·4	279·6	5th	292·5	*292·6*	0·0	28	-15
348	Perm	58 1	56 16	163	989·1	1008·2	- 2·6	297·1	306·0	8th	284·9	280·0	4th	291·0	*290·4*	+ 1·9	85	+18
349	Sverdlovsk	56 50	60 38	281	975·6	1008·2	- 1·5	..	..	..	..	..	..	..	*290·1*	+ 2·3	69	- 1
350	Tobolsk	58 12	68 14	108	998·2	1010·8	- 0·3	..	..	..	..	..	..	..	..	..	43	-18
351	Akmolinsk	51 12	71 23	347	968·3	1007·8	- 3·3	301·0	306·8	5th	286·6	280·0	19th	..	*291·7*	+ 3·0	40	- 7
352	Omsk	55 1	73 19	108	998·0	1010·6	+ 0·4	..	..	..	286·0	278·3	1st	293·5	*293·8*	+ 3·0	7	-46
353	Barnaoul	53 20	83 47	158	991·2	1010·0	+ 0·3	299·6	304·7	28th	..	..	..	..	*293·7*	+ 3·9	15	-88
354	Tomsk	56 30	84 58	123	996·3	1010·7	+ 1·6	296·5	303·5	25th	284·4	277·8	22nd	292·1	*293·0*	+ 2·9	38	-28
355	Minousinsk	53 43	91 41	249	980·8	1009·7	+ 0·5	..	..	..	283·4	278·0	4th	289·9	*290·1*	+ 2·1	..	- 9
356	Eniseisk	58 27	92 10	81·2	999·2	1008·9	+ 1·1	..	..	..	..	..	..	..	*290·9*	+ 0·6	41	+19
357	Irkutsk	52 16	104 19	467	953·6	1007·9	- 0·9	..	..	..	..	..	..	..	*287·0*	- 1·1	79	+ 5
358	Kirensk	57 47	108 7	278	973·1	1005·9	- 1·2	..	..	..	..	..	..	..	*287·6*	+ 0·1	58	+16
359	Tchita	52 2	113 30	685	922·7	1000·4	- 4·2	..	..	..	..	..	..	..	*285·4*	- 2·7	64	+47
360	Nertchinskii Zavod	51 19	119 37	621	931·4	1002·1	- 2·6	..	..	..	..	..	..	..	*286·9*	- 1·8	94	+81
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	*286·8*	- 1·6	143	..
362	Blagovyeshchensk(Bureau Météor)	50 16	127 30	142	985·9	1002·5	- 2·3	..	..	..	..	..	..	..	..	..	..	+112
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	*288·8*	- 1·6	195	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1002·4	1007·5	- 0·8	..	..	..	..	..	..	..	..	..	..	+ 1
366	∮Okhotsk	59 21	143 17	5·5	1009·6	1010·3	- 0·3	..	..	..	..	..	..	..	*283·3*	- 1·1	40	-15
368	∮Petropavlovsk (Phare)	52 53	158 43	87·1	999·1	1009·8	- 0·6	..	..	..	..	..	..	..	*279·8*	+ 1·1	26	..
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	*279·0*	- 0·7	48	- 3
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

JUNE - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. 24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria B.C.	48 24	123 19	70·1	1006·4	1014·6	- 1·7	290·7	298·0	4th	282·9	279·7	3rd	286·8	*286·4*	- 0·1	25	+ 4
412	Portland, Oregon	45 32	122 41	46·6	1010·6	1015·9	- 1·3	294·6	304·7	23rd	285·0	281·3	19th	289·9	*289·7*	+ 0·6	56	+15
413	Macleod	49 44	113 24	953	..	..	..	294·8	302·4	29th,30th	281·5	276·9	21st	288·2	*288·4*	+ 0·4	80	+15
414	Helena	46 34	112 4	1253	871·8	1011·8	- 1·0	295·2	306·3	28th	281·3	274·7	4th	288·2	*288·0*	- 0·4	25	-34
414a	Salt Lake City	40 46	111 54	1329	865·8	1011·2	+ 0·3	299·3	310·2	28th	286·1	277·4	3rd	292·7	*292·8*	- 0·6	18	- 3
415	Cheyenne	41 8	104 48	1856	813·5	1011·5	- 0·1	296·3	305·8	29th	281·3	274·1	3rd	288·8	*288·9*	- 0·5	18	-20
416	North Platte	41 8	100 45	860	914·8	1012·2	- 0·7	300·2	312·4	29th	286·4	279·1	20th	293·3	*293·0*	- 0·1	31	-49
416a	Bismarck	46 47	100 38	510	952·2	1011·8	- 0·8	297·2	306·2	30th	283·1	275·2	12th	290·2	*290·1*	- 0·8	28	-57
417	Winnipeg	49 53	97 7	232	983·7	1010·6	..	296·6	307·4	16th	283·2	273·0	12th	290·0	*289·9*	+ 0·2	35	-44
418	Duluth	46 47	92 6	345	972·7	1013·9	+ 0·7	293·5	303·0	10th	280·7	273·6	3rd	287·1	*286·6*	- 0·2	70	-36
419	Port Arthur	48 27	89 12	196	989·8	1013·1	- 1·0	..	301·9	18th	..	272·4	5th	..	..	..	43	-27
420	Chicago	41 47	87 35	205	990·5	1014·9	+ 0·3	295·3	305·2	18th	286·7	280·2	4th	291·0	*290·6*	- 2·1	126	+42
421	Toronto	43 40	79 24	116	1000·3	1014·0	- 0·9	296·4	306·5	18th	284·2	275·6	6th	290·7	*290·5*	0·0	37	-31
422	∮New York (Central Park)	40 47	73 58	47·4	1008·3	1013·6	- 1·9	300·1	308·0	18th	289·8	280·2	3rd	294·9	294·4	+ 0·4	48	- 5
423	St. John, N.B.	45 17	66 4	36·3	1008·8	1013·1	..	291·5	301·9	17th	282·2	278·0	2nd	286·8	*286·6*	+ 0·2	50	-33
424	S.W. Point, Anticosti	49 24	63 33	9·1	1010·7	1011·6	..	284·6	289·7	24th,25th	279·3	275·8	1st,5th	282·1	*282·2*	- 0·4	81	+ 8
424a	Sable Island (Main Station)	43 57	60 6	7·6	1013·4	1014·3	..	285·9	291·3	28th	281·0	276·3	3rd	283·4	*283·3*	0·0	32	-59
425	Port aux Basques	47 35	59 10	9·1	1010·6	1011·9	- 1·7	285·8	295·2	12th	278·9	275·8	4th,22nd	282·3	*282·1*	+ 0·4	74	-32
426	St. John's, Newfoundland	47 34	52 42	74·1	1002·6	1011·6	- 1·2	287·5	297·4	17th	..	..	..	..	..	..	51	-39
435	Madrid	40 24	3 41	667	941·4	1016·7	+ 1·2	299·0	304·5	24th	288·0	283·7	13th	293·5	*292·8*	+ 0·9	31	- 5
436	Nantes	47 15	W. 1 34	36·5	1013·0	1017·3	- 0·1	293·7	300·2	19th	284·6	281·0	26th	289·2	289·3	- 0·1	48	- 9
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1011·7	1017·7	+ 0·4	294·5	301·7	12th	284·5	279·7	27th	289·5	289·5	0·0	40	-16
438	Marseille	43 18	5 23	75	..	1015·0	+ 0·2	301·0	305·2	20th	288·1	283·0	16th	294·5	*294·4*	+ 1·7	1	-27
438a	Zürich	47 23	8 33	493	960·0	1016·8	+ 0·2	296·7	302·1	12th	285·5	281·0	26th	291·1	290·1	+ 0·9	129	- 4
439	Rome	41 54	12 29	45·5	1009·9	1015·2	+ 0·1	302·8	307·8	11th	291·7	286·8	6th	297·2	*297·4*	+ 2·6	42	+ 2
440	Vienna	48 15	16 22	203	992·2	1016·0	+ 1·2	294·5	300·1	21st	286·1	282·3	2nd	290·3	290·1	- 1·2	73	+ 3
441	Budapest	47 31	19 1	130	1000·1	1015·4	+ 1·4	297·1	303·2	17th	286·8	281·3	2nd	291·9	291·6	- 0·8	66	- 5
442	Sofia	42 42	23 20	550	952·0	1014·5	+ 0·4	298·5	304·7	11th	286·6	280·4	3rd	292·7	*292·8*	+ 1·5	101	+20
	Bucharest	44 25	26 6	82	1004·9	1014·5	+ 1·7	300·8	306·8	10th	288·9	282·0	3rd	294·9	294·0	+ 0·5	62	-26
443	Odessa (Observatory)	46 26	30 46	42·8	1009·1	1014·1	+ 1·1	296·5	301·0	17th	288·1	280·6	3rd	292·3	*291·8*	- 1·0	35	-21
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1009·5	1013·8	+ 1·2	..	..	..	..	..	..	..	*292·6*	- 0·5	39	-19
445	Tiflis	41 43	44 48	404	966·4	1012·3	+ 0·4	299·3	306·2	30th	287·5	282·4	5th	293·4	293·8	- 0·1	48	-25
446	Astrakhan	46 21	48 2	-20	1013·5	1011·0	- 0·8	299·3	307·6	30th	290·2	285·4	18th	294·7	*294·7*	- 0·8	15	- 3
447	Fort Alexandrovsk	44 31	50 7	-23·0	1013·8	1011·1	+ 0·2	..	..	..	..	..	..	..	*293·9*	- 2·0	16	+ 4
448	Krasnovodsk	40 0	52 59	-4·6	1009·9	1009·4	- 0·7	..	..	..	..	..	..	..	*296·3*	- 1·9	4	- 5
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*295·7*	- 0·5	5	- 1
450	Tashkent	41 20	69 18	479	953·6	1007·1	0·0	303·6	308·0	16th	289·2	282·6	1st	296·4	296·6	- 0·9	8	- 4
451	Narynskoe	41 26	76 13	2015	793·8	..	- 1·3	293·6	297·5	17th	279·0	272·6	1st	286·3	*286·5*	- 1·1	24	-19
451a	Andijan	40 47	72 23	503	951·5	1007·5	..	304·6	310·1	..	291·2	283·1	1st	297·9	*297·4*	..	8	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*292·8*	..	47	-13
461	Moukden	41 48	123 23	43·8	997·9	1002·9	- 1·5	303·2	308·4	22nd	290·2	284·6	8th	296·7	296·4	+ 1·7	150	+62
462	Joshin	40 40	129 12	31·9	1003·4	1007·2	+ 0·1	292·9	302·6	16th	285·3	283·1	7th	289·3	288·7	+ 0·2	113	+55
463	Yuki	42 20	130 24	63·8	1000·0	1007·6	+ 0·4	291·2	301·9	16th	284·9	279·0	7th	288·1	287·7	+ 0·1	199	+115
464	Vladivostok	43 7	131 54	128	991·8	1007·1	- 1·2	..	..	..	..	..	..	..	*296·1*	- 0·3	251	+181
465	Ochiai	47 20	142 47	27·4	1005·7	1009·0	+ 0·3	289·2	301·2	29th	278·4	273·3	7th	283·8	283·3	- 0·5	115	+33
466	Nemuro	43 20	145 35	26·7	1007·3	1010·8	+ 0·5	285·4	298·6	1st	278·6	275·2	4th	282·0	281·7	- 1·2	31	-62
466a	Syana	45 14	147 53	39·3	1005·8	1010·6	+ 0·3	284·3	291·5	1st,28th	277·0	271·8	4th	280·9	280·8	- 1·4	334	-25
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

JUNE - ZONE 5 (AMERICA).

511	San Francisco	37 48	122 26	47·2	1008·4	1014·2	- 0·5	294·7	308·0	21st	285·7	283·0	1st	290·2	*289·3*	+ 3·2	22	+18
512	Sacramento	38 35	121 30	21·0	1009·8	1012·2	+ 0·4	302·4	314·1	24th	287·1	279·1	1st	294·8	*294·9*	+ 1·0	26	+23
513	San Diego	32 43	117 10	26·5	1009·7	1012·3	- 0·1	294·7	303·0	19th	288·2	285·2	2nd	291·4	*291·1*	+ 0·9	0	- 2
514	Modena	37 48	113 54	1668	832·3	1009·8	- 0·2	300·3	308·6	25th	280·1	269·1	2nd	290·2	*290·4*	0·0	0	- 9
515	Santa Fé	35 41	105 57	2138	788·9	1008·4	+ 0·4	299·4	305·3	27th	284·5	279·1	3rd	292·0	*292·7*	+ 0·3	1	-29
516	Denver	39 45	105 0	1613	837·1	1011·2	0·0	300·1	308·0	29th	285·0	280·2	7th	292·6	*292·5*	0·0	17	-17
517	Abilene	32 23	99 40	530	951·8	1011·2	- 0·5	307·6	312·4	22nd	294·5	290·8	14th	301·0	*300·5*	+ 1·9	3	-66
518	Saint Louis	38 38	90 12	173	994·1	1014·2	- 0·1	300·6	306·9	30th	290·8	281·3	3rd	295·7	*295·8*	- 1·2	93	-23
519	Mobile	30 41	88 2	17·4	1012·7	1014·5	- 0·7	303·8	309·1	21st	295·0	290·3	5th	299·4	*298·6*	+ 0·2	300	+164
520	Nashville	36 10	86 47	166	996·1	1015·6	- 0·1	302·3	307·4	30th	290·7	284·1	4th	296·5	*296·5*	- 0·9	51	-56
521	Charleston	32 47	79 56	14·6	1014·2	1015·9	- 0·4	301·6	307·4	29th	294·0	287·4	4th	297·8	*298·2*	- 0·3	122	0
522	Washington	38 54	77 3	34·1	1010·4	1014·2	- 1·1	301·1	306·9	14th	289·3	280·8	4th	295·4	*295·1*	0·0	188	+83
524	Bermuda	32 17	64 46	46·0	1015·7	1021·0	..	300·7	303·0	25th	294·7	292·4	6th	297·7	*297·5*	+ 0·2	237	+126
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1016·5	1021·1	- 3·5	293·5	297·0	20th	289·4	286·7	8th,28th	291·5	290·9	- 0·9	120	+48
531	Horta	38 32	28 38	65	1013·9	1021·7	- 2·3	294·1	300·0	20th	288·8	286·4	9th	291·5	291·1	- 1·0	68	+ 9
532	Ponta Delgada	37 44	25 40	22	1019·2	1021·9	- 1·5	293·7	296·5	18th	289·9	286·0	10th	291·7	291·5	- 0·2	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	36	- 7
533	Madeira (Funchal)	32 38	16 55	25	1018·9	1021·9	+ 1·1	294·3	297·5	29th	290·5	288·0	11th	292·4	*292·7*	+ 0·2	0	- 9
535	Lisbon	38 43	9 9	95	1006·5	1017·6	+ 0·3	297·2	305·6	20th	289·1	286·6	1st	293·1	292·8	+ 0·5	18	+10
535a	Melilla	35 17	2 59	40	1013·6	1018·3	..	298·8	306·0	9th	291·7	288·3	11th	295·2	*295·3*	- 0·7	17	-13
536	Gibraltar	36 6	5 21	27·4	..	1017·6	+ 0·1	299·8	303·0	23rd	290·5	286·9	13th,15th	295·2	*294·1*	+ 0·8	1	+41
536a	Colomb-Béchar	31 37	W. 2 13	769	926·7	1009·7	..	..	..	..	289·0	284·0	sev.dates	..	*300·1*	..	48	
537	Palma	39 34	E. 2 39	23	1014·0	1016·7	- 0·7	301·4	306·4	19th	288·3	284·4	3rd	294·9	*295·1*	- 0·1	52	+34
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	¢ 30	351	..	..	..	311·6	317·0	27th	293·0	288·0	24th	302·3	..	- 2·3	0	0
539	Tunis	36 48	10 10	75	1008·6	1017·3	..	301·8	312·8	30th	290·3	286·9	4th	296·1	*296·0*	+ 0·6	15	+ 4
540	Malta	35 54	14 31	71·2	..	1015·4	+ 0·7	298·9	305·2	12th	292·4	290·2	2nd,5th	295·8	*294·7*	0·0	0	- 2
541	Athens	37 58	23 43	107	1000·9	1013·2	+ 0·5	302·8	307·9	28th	293·7	290·4	3rd	298·3	297·9	+ 1·0	0	-15
542	Alexandria	31 12	29 53	32·0	1008·6	1012·3	- 0·4	301·5	309·0	6th	294·6	291·5	1st	298·0	*297·5*	+ 0·7	0	0
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1009·1	+ 0·3	306·2	312·4	29th	291·3	287·4	1st,2nd	298·8	..	+ 0·5	4	- 5
544	Beirut	33 54	35 28	33·7	..	1010·2	- 0·7	302·1	304·9	30th	294·1	291·7	3rd,4th	298·1	*297·9*	+ 0·6	7	+ 3
545	Hinaidi	33 17	44 29	32·3	999·3	1003·4	- 0·3	312·2	316·9	20th	295·9	292·4	15th	304·1	*304·4*	- 1·2	0	0
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	6	+ 4
547	♯Tehran	35 41	51 25	1220	864·7	992·1	..	305·2	308·4	26th	290·4	283·6	5th	297·8	*297·4*	- 1·8	0	- 8
548	Meshed	36 17	59 38	946	..	..	..	304·1	307·8	14th	286·9	281·1	1st	295·5	..	- 0·7	..	..
549	Seistan	31 0	61 30	7610	945·5	..	..	310·6	315·3	2nd	296·7	293·7	27th	303·6	..	- 0·2	0	0
550	Quetta	30 12	67 0	1647	829·2	..	- 1·3	307·8	311·2	19th	289·7	285·1	3rd	298·8	*299·4*	+ 2·0	0	- 4
551	Peshawar	34 2	71 37	355	959·1	996·4	- 1·9	315·1	319·8	8th	299·6	294·5	26th	307·3	*307·1*	+ 1·2	5	- 4
551a	Lahore	31 34	74 20	214	973·2	996·5	- 1·5	313·4	321·1	8th	300·7	293·8	13th	307·1	*306·8*	- 0·1	124	+82
552	Simla	31 7	77 8	2202	777·3	..	- 0·5	296·3	302·1	1st	288·9	280·7	14th	292·9	*292·5*	0·0	126	-55
552a	Leh	34 10	77 42	3503	665·2	..	- 0·4	294·1	298·9	8th	279·7	276·5	14th	286·9	*286·3*	- 0·5	11	+ 6
559	Hankow	30 35	114 17	37·0	1000·1	1004·3	- 1·1	305·7	309·6	15th	296·2	293·7	22nd	300·9	*300·3*	+ 1·6	183	-53
560	Tientsin	39 9	117 9	6·4	1002·5	1003·1	- 1·5	307·2	313·7	7th	292·8	288·5	5th	300·0	*299·5*	+ 2·2	22	-38
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·1	1004·9	- 1·4	302·1	306·4	15th	292·5	285·9	2nd	297·3	296·3	+ 0·3	70	-118
562	Jinsen (Chemulpho)	37 29	126 38	70·4	998·7	1006·8	- 0·1	299·2	306·1	25th	290·0	287·0	1st	294·6	294·1	+ 1·3	95	- 5
562a	Nagasaki	32 44	129 52	133	992·0	1007·3	- 1·1	299·1	302·5	30th	291·3	288·7	7th	295·5	294·9	+ 0·4	160	-184
563	Kyoto	35 1	135 44	42·3	1004·1	1009·1	+ 0·5	301·1	305·4	4th	289·5	284·2	20th	295·3	295·0	+ 0·9	72	-163
564	Tokyo	35 41	139 46	5·8	1009·0	1009·7	+ 0·5	297·7	303·0	19th	289·4	286·0	8th	293·5	293·6	+ 0·1	116	-49
565	Hukusima	37 45	140 28	68·5	1001·5	1009·5	+ 0·7	298·4	304·7	10th	287·8	283·0	8th	293·1	292·5	+ 0·4	90	-36
566	Miyako	39 38	141 59	30·4	1005·7	1009·3	0·0	293·8	300·2	1st,2nd	284·4	280·3	8th	289·0	288·3	- 0·7	99	-27

JUNE - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·3	1019·7	1020·3	..	302·1	304·1	17th	293·5	288·6	1st	297·8	*297·2*	+ 0·9	36	-42
605	Honolulu	21 19	157 52	11·6	1016·0	1017·3	+ 0·1	300·6	301·9	19th	295·8	294·7	8th	298·2	*298·0*	+ 0·4	7	-19
613	Guaymas	27 55	110 53	8·3	1008·4	1009·3	..	307·1	313·0	11th	298·0	293·2	3rd	302·5	*301·4*	- 0·3	0	-85
615	Leon	21 7	101 41	1809	820·0	1005·2	- 1·0	304·1	307·6	13th	287·8	284·7	29th	295·9	*295·9*	+ 0·5	30	-52
616	Monterry	25 40	100 18	528	951·4	1009·3	- 0·3	307·5	310·7	12th	295·2	293·8	1st	301·3	*301·1*	+ 1·2	7	+12
617	Tulancingo	20 5	98 22	2181	789·3	..	- 0·4	296·6	301·0	12th	282·8	277·4	13th	289·7	*288·6*	- 1·4	108	-80
618	Galveston	29 18	94 50	16·5	1012·3	1014·2	- 0·2	303·2	307·4	9th	297·9	291·3	14th	300·6	*300·1*	+ 0·5	50	-63
618a	New Orleans	29 57	90 4	16·2	1012·5	1014·2	- 1·0	304·6	308·6	21st	296·3	293·6	14th	300·4	*300·0*	+ 0·4	76	+61
619	Mérida, Yucatan	20 58	89 38	22	1009·7	1012·2	- 1·0	304·5	308·3	12th	296·2	294·6	17th	300·3	*299·5*	- 0·3	217	+35
620	Havana	23 7	82 25	77·0	1004·3	1013·7	- 1·7	303·9	306·5	24th	295·5	293·5	18th	299·7	298·9	0·0	205	..
620a	Key West	24 33	81 48	6·7	1014·1	1014·5	- 0·7	303·2	304·7	11th	298·1	294·7	2nd	300·7	*300·2*	0·0	78	-36
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·6	- 0·2	303·5	305·2	29th	296·3	293·0	3rd	299·9	*299·9*	- 0·4	214	+45
622	Watling Island(San Salvador)	24 6	74 26	33·5	1013·9	1017·8	+ 0·8	..	303·0	3rd	..	296·3	8th	..	*299·9*	- 1·0	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634m	Izaña	28 19	16 30	2367	773·8	..	..	300·8	308·0	12th	290·7	289·0	7th	295·7	*292·9*	..	0	..
634	La Laguna	28 28	16 20	547	956·3	1019·7	+ 3·0	291·1	296·4	19th	283·0	275·4	10th	287·1	*286·6*	+ 1·3	0	+ 5
636	Adrar	27 38	W. 0 4	285	..	..	+ 1·7	294·5	298·2	2nd	286·4	284·3	8th,13th	290·5	*289·9*	- 0·6	13	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642	Siwa	29 12	25 29	-23	1013·6	1011·0	- 1·5	314·4	318·4	24th	296·1	291·8	5th	305·3	..	..	0	0
643	Cairo (Helwan)	29 52	31 20	116	997·4	1010·8	- 0·2	308·0	313·0	25th	293·4	290·2	9th	300·7	*300·9*	+ 0·7	0	..
643m	Aswan	24 2	32 53	100	996·8	1007·4	0·0	315·5	320·8	20th	298·2	294·8	10th	306·8	*306·6*	+ 1·2	0	0
644	Tor	28 14	33 37	1·9	1007·1	1007·2	+ 0·1	306·0	314·6	24th	296·7	291·5	6th	301·4	*301·0*	+ 1·1	..	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	999·9	1000·4	..	304·5	308·4	30th	299·9	296·8	21st	302·2	*301·5*	- 0·9	0	0
648	Jask	25 45	57 45	4·0	996·7	997·1	..	308·3	312·3	3rd	301·4	298·8	10th	304·9	*304·2*	- 0·2	0	- 2
649	Karachi	24 53	66 57	4·0	998·9	999·4	- 1·0	305·2	306·0	30th	301·1	300·2	1st	303·2	*302·5*	- 0·1	0	-22
650	Jacobsbad	28 17	68 29	56·7	989·5	995·6	- 1·6	318·7	321·7	3rd	302·9	299·3	17th	310·8	*310·3*	+ 0·5	0	- 5
651	Jaipur	26 56	75 52	436	952·1	999·1	- 0·5	312·9	316·2	5th	300·9	294·7	14th	306·9	*306·2*	+ 0·6	64	+ 5
652	Nagpur	21 8	79 5	310	967·0	1001·0	- 0·4	310·0	317·8	1st	298·3	294·0	20th	304·1	*303·1*	- 0·6	211	-16
653	Allahabad	25 25	81 51	94·2	987·2	997·6	- 1·6	312·8	318·0	8th	301·9	298·9	2nd	307·3	*306·6*	+ 0·6	42	-84
653a	Darjeeling	27 3	88 15	2265	771·6	..	- 1·1	292·5	294·3	23rd,30th	287·5	285·9	2nd	290·0	*289·6*	+ 0·9	654	+38
654	Calcutta	22 32	88 20	6·4	999·1	999·8	- 0·8	306·9	311·5	14th	299·6	297·3	6th	303·2	*302·9*	+ 0·7	171	-131
655	Gauhati	26 8	91 41	59·7	994·9	1001·5	- 1·4	304·1	308·1	20th	297·7	294·5	11th	300·9	*300·2*	- 0·4	377	+26
655m	Cherrapunji	25 15	91 42	1313	861·7	..	- 1·8	295·3	300·8	16th	291·4	289·1	13th,14th	293·3	*292·8*	+ 0·2	2689	+253
656	Akyab	20 11	92 56	6·1	1002·5	1003·1	- 1·0	302·2	305·7	3rd	297·5	294·2	4th	299·8	*299·9*	- 0·9	1251	+59
656a	Mandalay	21 59	96 0	76·2	995·6	1004·1	- 0·6	305·9	308·7	21st	298·8	296·9	10th,13th	302·4	*301·6*	- 1·0	83	-57
657	Tengrueh	25 2	98 33	1626	833·0	1002·5	..	298·3	301·3	1st	289·1	288·6	1st	293·7	*293·1*	+ 0·8	215	-28
658	♯Phu Lien	20 48	106 36	116	..	1003·6	+ 0·1	305·4	310·6	30th	298·9	295·0	2nd	302·1	301·5	+ 0·6	137	-107
658	♯Moncay	21 31	107 51	9·0	..	1003·7	- 0·2	305·9	309·3	12th	298·5	295·3	4th	302·2	*301·5*	+ 1·0	796	+282
659	Hongkong	22 18	114 10	33·2	..	1005·7	- 0·1	303·6	305·8	12th	299·3	296·7	24th,25th	301·5	301·1	+ 0·9	106	-293
660	Amoy	24 26	118 4	4·9	1005·4	1005·9	- 0·9	304·4	307·4	28th	299·3	295·2	2nd	301·9	*301·7*	+ 1·7	89	-88
661	Taihoku, Formosa	25 2	121 31	9·3	1004·6	1005·6	- 1·2	305·9	308·9	11th	296·5	293·5	1st	301·2	300·5	+ 0·9	158	-131
661a	Basco	20 28	121 59	18·7	..	1006·6	- 0·2	303·9	305·9	24th	299·0	297·3	1st	301·5	301·3	0·0	103	-86
662	Naha	26 12	127 39	29·5	1003·2	1006·6	- 2·0	300·9	302·5	21st,26th	297·1	293·9	1st	299·0	298·8	- 0·5	415	+152
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1010·8	1011·3	- 0·9	300·4	302·9	25th	295·5	293·2	3rd	297·9	297·7	- 0·7	224	+89

BETWEEN LATITUDE 20° N. AND 10° N. JUNE - ZONE 7.

		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	956·0	1011·2	+ 1·1	306·0	308·7	9th	294·0	292·5	13th	300·0	*299·2*	- 0·2	78	-74
716	Morelia	19 42	101 7	1923	808·4	1005·4	- 1·6	298·7	302·6	8th	288·1	285·2	11th	293·4	*293·6*	+ 1·1	83	-60
717	Mexico, Tacubaya	19 24	99 12	2309	773·9	..	- 0·5	297·5	300·6	12th	283·2	279·0	11th	290·3	289·3	- 0·3	151	+44
718	Salina Cruz	16 12	95 12	56	1003·6	1010·2	- 1·1	302·2	306·5	11th	295·5	293·5	15th	298·9	*299·7*	- 0·8	301	- 5
719	San Salvador	13 42	89 13	682	936·0	1011·8	- 0·1	302·6	307·8	9th	291·1	290·2	22nd,28th	296·9	*295·1*	- 1·3	312	-18
720	Belize	17 31	88 11	5·2	1010·7	1011·3	- 0·3	..	..	..	296·2	293·0	20th	..	‡*296·5*	- 0·8	359	+149
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·9	+ 0·4	303·7	306·9	29th	296·1	294·4	24th	299·9	*299·9*	+ 0·2	56	-84
722	Port au Prince	18 33	72 20	37·4	1010·4	1014·7	- 0·2	306·1	308·2	24th	295·7	293·1	5th	300·9	*300·7*	+ 0·3	76	-28
723	♯Caracas	10 30	66 56	1043	900·7	1014·7	..	299·6	302·1	8th	289·5	286·6	2nd	294·5	*293·5*	+ 0·1	62	-41
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·5	1016·6	0·0	301·7	304·1	21st	296·6	294·7	30th	299·2	*298·9*	- 0·2	141	- 8
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·8	1013·4	- 0·1	303·0	304·1	3,22,25	296·1	294·7	29th	299·6	*299·1*	+ 0·5	329	+119
725	Barbados	13 8	59 36	57·9	..	1014·9	+ 0·5	303·6	304·9	10th	296·4	295·1	10th	300·0	*299·8*	+ 0·1	65	-44
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·4	1014·7	- 0·5	298·9	300·5	23rd,30th	295·0	293·0	2nd	296·9	*296·9*	+ 0·4	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	‡1010·5	‡1014·4	..	302·5	303·8	14th,18th	295·7	294·2	10th	299·1	..	+ 1·2	0	0
733	♯Dakar	14 40	17 26	32	..	1013·2	..	304·2	307·5	25th	295·9	293·0	9th	300·1	*298·4*	+ 0·4	52	+35
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·9	305·8	29th	295·9	294·1	13,20,24	299·9	*299·8*	+ 0·3	102	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	316·4	320·0	26th	297·0	291·0	19th	306·7	*306·2*	..	20	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	307·0	311·3	1st	296·3	293·6	24th,30th	301·7	*301·2*	- 1·1	172	+69
738	Kaduna Capital	10 32	7 25	?637	..	..	..	302·4	305·2	1st	292·4	289·8	6,22,28	297·4	*296·8*	- 0·4	170	-10
739	Hadeija	12 40	10 5	?	..	..	..	308·3	313·0	18th	..	..	..	..	‡*300·8*	- 2·1	92	+38
740	Madiuguri	11 47	13 11	361	..	..	..	308·4	312·4	12th,13th	296·3	292·4	24th	302·3	*301·7*	- 1·7	99	+45
741	♯El Fasher	13 32	25 18	730	925·6	1004·6	..	312·6	315·0	6th,7th	294·4	291·5	19th	303·4	*302·1*	- 0·3	32	+13
742	El Obeid	13 11	30 14	563	946·0	1007·6	+ 0·8	310·5	312·5	5th	295·6	290·8	29th	303·2	*302·1*	- 0·3	69	+35
742m	Khartoum	15 37	32 33	390	964·4	1006·6	+ 0·7	314·3	316·7	20th	299·5	295·1	24th	306·9	*307·1*	0·0	9	+ 1
744	Port Sudan	19 37	37 13	5·5	1007·1	1007·8	+ 1·9	312·0	318·0	26th	299·1	295·2	6th	305·6	*305·1*	+ 0·5	0	0
745	♯Berbera, Somaliland	10 22	45 2	13·8	1002·9	1004·4	- 0·1	314·3	315·6	8,14,27	304·4	301·3	1st,8th	309·3	*308·8*	+ 0·5	3	+ 3
746	Aden	12 45	45 3	29·9	1002·2	1005·5	+ 0·3	308·1	312·4	4th	302·4	301·1	19th	305·2	*304·9*	+ 0·3	0	- 2
761	Bombay	18 54	72 49	11·3	1002·9	1004·1	- 0·9	303·9	307·4	1st	298·3	295·9	6th	301·1	300·9	- 0·8	646	+181
762	Kodaikanal	10 14	77 28	2343	769·3	..	+ 0·2	291·1	294·3	14th	292·4	291·2	17th,19th	297·6	*296·4*	+ 0·1	28	+38
762m	Bangalore	12 59	77 38	921	907·1	1006·9	+ 0·1	302·7	306·0	7th	300·3	296·6	16th	305·6	*304·9*	+ 0·6	36	-45
763	Madras	13 4	80 14	6·7	1004·1	1004·9	- 0·5	310·9	313·7	9th	300·2	296·8	19th	303·1	*302·4*	- 0·3	293	-12
764	Vizagapatam	17 42	83 19	11·6	999·7	1001·1	- 1·1	305·8	311·4	23rd	298·0	295·6	15th	300·3	*299·6*	- 0·4	589	+169
765	Port Blair	11 40	92 40	18·0	1005·3	1007·3	- 0·1	302·6	303·9	6th	297·2	295·6	16th	299·9	*298·8*	- 0·5	610	+97
767	Rangoon	16 46	95 48	5·5	1005·7	1006·4	- 0·5	302·5	305·2	2nd,10th	296·6	293·8	2nd,17th	299·7	*299·2*	- 0·4	404	+152
768	Cap St. Jacques	10 20	107 5	180	..	1009·0	..	302·7	304·3	11th	297·1	296·2	14th	301·2	*300·7*	- 0·4	57	+209
768a	Nhatrang	12 15	109 12	3·6	..	1006·2	..	305·2	310·0	..	..	..	..	..	..	..	..	+ 8
769	Bolinao	16 23	119 53	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
761	Vigan	17 34	120 23	12·2	..	1007·0	0·0	304·7	307·2	14th	298·0	295·1	17th	301·3	301·0	0·0	436	+92
761m	Manila	14 35	120 59	14·2	..	1008·0	+ 0·2	305·8	307·8	13th	297·7	296·4	27th	301·7	301·2	+ 0·5	116	-140
762	Ormoc	11 0	124 36	5·6	..	1008·0	+ 0·2	304·9	306·0	7th	295·6	294·9	23rd	300·3	*300·5*	+ 0·6	118	-91
765	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·5	+ 0·5	304·4	306·4	18th	297·6	296·0	18th	301·0	*301·5*	+ 0·2	145	+ 3
766	Saipan	15 14	145 46	207	987·8	1007·9	..	301·7	302·7	16th,17th	297·0	295·5	24th	299·3	299·2	..	122	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
805	Fanning Island	3 54	159 23	5·3	1010·8	1011·5	+ 0·7	303·9	305·8	7th	297·7	294·7	28th,30th	300·8	*300·4*	0·0	303	+47
821	Cristobel	9 23	79 54	11·0	..	1010·5	0·0	303·5	305·6	8th	297·2	295·8	2nd	300·3	299·7	+ 0·6	482	+144
822	Bogota	4 36	74 5	2645	746·8	..	+ 0·4	291·3	293·0	11th,16th	283·2	281·0	7th	287·3	*286·7*	- 0·1	66	+ 6
822a	Merida, Venezuela	8 36	71 9	1641	‡ 842·0	..	..	296·7	298·8	9th	288·2	286·5	26th	292·5	*291·4*	- 0·3	214	+28
823	Ciudad Bolivar	8 9	63 33	38	1008·1	1012·4	..	303·6	305·2	7th	296·3	294·3	13th	300·0	*299·5*	- 0·4	167	+32
824	El Peru, Guayanavieja	7 19	61 49	220	986·4	1011·6	+ 0·4	..	..	..	294·6	293·0	29th	..	*‡295·5*	- 0·7	286	+101
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1013·3	+ 0·1	301·8	302·7	30th	296·9	295·2	27th	299·3	*299·2*	- 0·2	371	+68
826	Paramaribo	5 49	55 9	3·7	1013·0	1013·4	- 0·4	303·7	305·4	30th	295·8	294·6	20th	299·7	*298·8*	+ 0·1	195	-104
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	276	-116
831	10°-5°N. 30°-25°W.	††7 5	††27 6	§(61-93)	..	1013·8	+ 0·2	..	..	See Temp.	..	..	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	299·3|-0·2	..	..	..	..	299·2	+ 0·1	..	..
834	Freetown, Sierra Leone	8 29	13 14	58·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
835	Assuantsi	5 18	1 15	97·3	1005·4	1013·3	+ 1·3	302·2	303·6	sev.dates	..	..	..	..	*‡298·9*	- 1·6	686	+179
836	Accra	5 33	W. 0 12	17·7	1000·5	1011·7	..	301·1	304·1	11th	294·1	291·9	29th	297·6	*297·0*	- 0·5	203	+28
					1010·8	1012·8	+ 0·4	301·5	304·9	18th	296·2	294·1	5th,9th	298·8	*298·6*	- 0·3	323	+146
837	Lagos	6 27	E. 3 24	3·0	1012·6	1012·9	+ 0·5	301·7	302·6	11th	295·2	294·1	16,19,23	298·8	*297·9*	- 0·6	630	+161
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	299·9	304·7	..	294·4	288·6	..	297·1	*296·7*	..	719	+234
839	‡Lola	9 12	12 30	259	..	..	..	304·5	309·2	3rd	294·8	292·7	8,21,25	299·7	*299·1*	- 0·7	319	+172
841	Wau	7 42	28 3	440	960·8	1009·8	0·0	306·3	308·0	sev.dates	293·4	291·5	19th,26th	299·8	*298·6*	- 0·4	173	+ 8
843	Malakal (Kodok)	9 35	31 37	394	966·7	1010·8	+ 0·5	306·2	310·4	4th	294·9	292·7	9th	300·6	*299·0*	+ 0·3	180	+35
843a	Mongalla	5 11	31 47	448	960·6	1010·8	0·0	306·4	309·8	22nd	293·8	291·2	26th	300·1	*298·8*	+ 0·4	116	+ 9
844	Entebbe	0 5	32 29	1171	885·6	1012·2	+ 0·7	298·7	300·2	3rd,25th	289·4	288·0	14th,24th	294·1	*293·7*	+ 0·1	45	-77
845	Sheikh	9 55	45 15	1463	..	..	..	300·8	303·0	30th	289·7	288·6	sev.dates	295·2	..	..	31	- 6
851	Minicoy	8 17	72 49	2·7	1009·4	1009·6	+ 0·1	303·2	304·9	2nd	298·4	295·9	26th	300·8	*300·1*	..	259	-43
851a	Cochin	9 58	76 21	2·7	1009·4	1009·8	+ 0·2	301·7	303·6	11th	296·5	295·1	3rd	299·1	*298·4*	- 0·6	1002	+278
852	Colombo Observatory	6 54	79 52	7·2	..	1009·3	+ 0·9	302·6	303·4	2nd	298·1	295·3	30th	300·3	*299·6*	0·0	244	+58
853	Nuwara Kliya	6 58	80 46	1881	813·6	1011·4	+ 1·8	291·5	294·6	11th	286·1	284·3	11th	288·8	*288·1*	- 0·2	251	-74
854	Trincomalee	8 35	81 15	30·2	..	1005·7	+ 0·4	305·4	307·2	24th	298·8	297·1	6th	302·1	*301·4*	- 0·4	3	-36
855	Kuta Raja	5 32	95 20	7·1	..	1008·9	0·0	..	..	..	..	..	..	..	..	..	78	-13
856	Medan	3 35	98 41	25	..	1009·0	+ 0·2	304·3	307·1	6th	295·6	294·3	20th	299·9	299·5	+ 0·1	96	-36
857	Penang	5 34	100 20	5·0	..	..	..	306·2	307·4	25th	295·7	294·1	3,17,20	300·9	*300·2*	+ 0·3	117	-76
858	Singapore	1 18	103 51	10·9	..	..	..	303·7	305·4	5th	296·7	295·2	16th	300·2	*299·7*	- 0·4	182	+ 8
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	998·9	1009·2	+ 0·1	303·2	305·8	sev.dates	296·8	294·1	16th	300·0	299·5	..	307	+87
860	‡Iwahig	9 44	118 38	14·3	..	..	..	304·4	305·8	3,5,6	296·7	295·8	3,11,13	300·6	*300·9*	0·0	278	-27
					..	1008·2	+ 0·2	304·3	305·5	5th	295·5	294·2	20th	299·9	*299·7*	+ 0·4	185	
861	Tagbilaran	9 38	123 51	21·3	..	1008·2	+ 0·2	304·9	306·7	28th	297·1	296·1	16th	301·0	300·2	- 0·2	97	-41
861a	Menado	1 30	124 50	8·5	..	1009·3	+ 0·9	302·9	304·6	4th	296·0	294·6	10th	299·5	298·8	- 0·4	384	+221
862	Surigao	9 48	125 29	6	..	1008·7	+ 0·5	304·9	306·3	25th	297·1	294·2	14th	301·0	300·4	+ 0·2	91	-41
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·3	+ 1·9	304·5	306·3	25th	296·0	295·4	17th	301·3	300·5	+ 0·2	133	-125
864	Palau	7 20	134 29	31·8	1006·5	1010·1	..	303·9	305·8	28th	297·5	295·6	13th	300·7	300·1	..	201	..
867	Ponape	6 58	158 13	38·9	1005·4	1009·8	..	302·4	303·9	9th	296·5	294·3	12th	299·5	299·1	..	424	..
		N.	E.															

JUNE – ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	S. 8 32	W. 172 31	1·8	..	1010·2	..	302·1	303·9	3rd	300·5	298·4	21st	301·3	..	..	199	..
920	Lambayeque	6 46	80 55	15	..	..	..	299·2	301·8	12th	289·0	287·2	2nd,6th	294·1	293·4	..	6	..
921	Quito	0 14	78 30	2816	728·3	..	+ 0·3	294·4	298·4	4th	280·9	276·8	5th	287·7	285·9	0·0	29	-14
924	Manaos	3 8	60 1	43·8	..	..	..	303·0	305·0	30th	294·5	292·8	5th	298·8	*298·2*	- 1·0	201	+116
926	Taperinha	2 30	54 20	21·0	1010·8	1013·1	+ 0·7	302·7	304·9	10th	295·3	294·2	20th	299·0	297·8	0·0	198	+26
927	Turyassu	1 43	45 26	9·1	1011·4	1012·4	+ 0·2	304·5	306·8	4th	294·4	293·1	21st	299·4	*298·6*	+ 0·2	272	+28
928	Barra do Corda	5 30	45 16	81·0	1001·5	1011·0	- 0·6	304·8	305·8	7th	291·8	288·4	21st	298·3	*297·0*	- 0·4	0	-16
929	Quixeramobim	5 16	39 15	207	990·8	1014·3	+ 0·5	301·7	303·1	23rd	296·1	294·2	9th	298·9	*299·3*	+ 0·1	21	-26
930	Fernando Noronha	3 50	32 25	106	1001·5	1013·6	0·0	300·0	302·2	11th	296·5	294·3	19th	298·2	*297·8*	- 0·1	495	+330
934	‡Ascension Island	7 56	W. 14 25	16·8	1013·9	1015·7	0·0	302·3	304·7	12th	296·4	294·7	2nd	299·3	*298·6*	+ 0·2	9	- 6
939	Loanda	8 49	E. 13 13	51	..	1014·8	0·0	297·0	299·0	9th	292·2	289·5	27th,29th	294·6	294·3	- 0·1	0	0
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·1	295·2	..	282·5	281·0	..	287·8	*288·7*	..	61	..
943	Masaka	0 20	31 44	1280	..	..	..	300·9	304·1	17th	289·7	288·0	11th,24th	295·3	..	..	32	-10
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	823·0	1017·2	..	293·0	296·9	26th	284·4	281·3	24th	288·7	288·1	- 0·3	23	-28
944a	Zanzibar	6 10	39 11	17·1	1015·7	1017·6	0·0	300·3	301·6	3rd,4th	296·3	294·6	15th	298·3	*297·8*	- 0·2	176	+121
945	Lamu	2 16	40 50	3·0	..	..	..	300·8	301·9	13th,23rd	295·3	293·6	22nd	298·3	*297·9*	- 1·4	416	+288
947	Seychelles, Port Office	4 37	55 27	4·6	1012·1	1012·5	+ 0·6	300·8	302·6	2nd	296·9	295·2	24th,25th	298·9	*298·3*	- 0·5	17	-97
957	Padang	0 56	100 22	6·7	..	1010·1	0·0	302·8	304·0	29th	296·4	295·2	13th	299·6	299·2	- 0·3	176	-132
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	+ 0·6	304·2	306·0	18th	296·2	294·1	17th	300·2	299·7	+ 0·5	22	-73
958a	Pontianak	0 1	109 20	2·6	..	1009·4	0·0	304·8	307·2	4th	297·1	295·8	22nd	300·9	300·2	+ 0·3	302	+79
959	Pasuruan	7 38	112 55	5·0	..	1010·6	+ 0·3	303·3	304·8	7th	294·6	291·5	15th	298·9	299·2	0·0	13	-44
960	Kajoemas	7 56	114 9	1080	..	..	..	..	..	..	..	..	..	..	..	..	10	-54
962	Amboina	3 42	128 10	4·2	..	1010·8	+ 0·7	299·6	302·6	3rd	296·5	294·9	19th	298·1	298·0	- 0·1	685	+48
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	123	-71
965	Daru	9 4	143 13	7·6	..	..	..	299·7	..	..	..	..	..	..	..	..	69	-27
966	Port Moresby	9 29	147 9	38·4	..	1011·6	+ 0·6	301·2	..	..	..	..	..	297·9	*297·6*	- 1·0	43	+12
														299·1	*298·7*	- 0·1		
967	Rabaul	4 9	152 12	12·5	1008·0	1009·4	+ 0·3	304·9	307·1	6th	295·6	293·9	10th	300·2	*299·6*	- 0·1	194	+104
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·4	304·9	5th	297·2	296·1	11th	300·3	*300·1*	0·0	265	+92
970	Ocean Island	0 52	169 35	39·6	1005·8	1010·8	+ 0·5	304·3	306·3	5th	298·2	296·9	13,22,29	301·5	*300·8*	+ 0·4	90	-31
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
¢Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·9	+ 0·3	301·9	303·8	26th	296·4	294·0	14th	299·1	299·4	+ 0·4	96	-40
1003	‡Alofi, Niue Island	19 2	169 55	19·3	..	1015·2	- 0·1	300·6	303·0	15th	290·8	288·6	27th	295·7	*295·5*	- 0·6	40	-34
1021	Lima	12 5	77 3	111	999·6	1012·7	..	292·7	295·8	15th	287·9	286·3	8th,19th	290·3	289·5	..	7	..
1022	Arica	18 28	70 20	5	1017·0	1017·6	..	..	..	..	287·6	285·0	25th	..	*290·9*	..	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·9	..	- 0·4	289·1	291·0	..	274·8	271·0	..	281·9	*281·1*	+ 0·7	7	- 1
1025	Corumba	18 59	57 39	116	1001·0	1014·4	+ 0·8	299·9	304·2	6th,7th	288·5	281·2	24th	294·2	*293·8*	- 0·3	0	-38
1026	Cuyaba	15 36	56 6	165	995·1	1013·9	+ 0·5	303·4	306·7	8th	289·6	285·2	19th	296·5	*295·3*	- 0·6	0	- 7
1027	Bello Horizonte	19 56	43 56	895	917·2	1018·3	- 0·8	297·9	301·6	23rd	284·3	282·6	29th	291·4	*290·3*	+ 0·2	0	- 9
1028	Caetite	14 3	42 37	897	918·7	1018·3	+ 0·8	298·5	302·3	6th	286·4	283·4	23rd	292·4	*292·5*	- 0·5	3	- 9
1030	Ondina (Bahia)	13 0	38 31	46·6	1011·4	1016·8	+ 0·5	299·8	301·0	9,13,18	284·2	282·4	18th	297·0	*296·6*	- 0·3	287	+32
1030	Aracaju	10 55	37 3	6·1	1017·1	1017·9	+ 1·3	300·0	300·8	2nd	294·2	291·8	17th	297·1	*296·7*	..	220	..
1032	St. Helena	15 57	W. 5 40	579	949·1	1016·3	+ 0·7	288·8	291·3	1st,2nd	286·7	285·3	8,27,29	287·8	*288·4*	- 1·0	81	..
1039	Mossamedes	15 12	E. 12 9	12·5	1015·4	1016·9	..	..	?294·6	1st	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	910·8	1019·2	..	299·6	303·1	6th	281·8	277·6	28th	290·7	..	..	0	..
1041a	Elizabethville	11 39	27 28	1230	880·7	1015·7	- 0·4	299·0	301·5	4th	279·9	277·3	2nd,30th	289·4	..	+ 0·4	0	0
1042	Gwelo	19 26	30 2	1411	..	..	..	294·8	298·0	1,3,5	279·6	276·3	30th	287·2	..	+ 0·7	0	- 1
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	857·6	1020·5	+ 0·1	294·7	297·6	1st	280·2	276·7	26th	287·4	286·9	+ 1·1	0	- 1
1044	Zomba	15 23	35 18	955	910·8	1016·3	- 1·2	296·1	300·2	26th	284·3	281·3	30th	290·5	*289·8*	+ 0·3	0	-12
1045	Mossuril	14 57	40 40	15	..	1018·5	..	301·5	303·5	26th	290·2	288·1	5th,24th	295·9	295·9	..	9	..
1048	Antenanarivo	18 55	47 33	1375	868·3	1019·1	+ 0·5	294·6	296·3	16th	282·3	279·7	4th	288·7	287·9	+ 0·9	1	- 6
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1012·6	1013·3	+ 1·1	301·2	304·3	13th	297·3	295·1	27th	299·3	*298·9*	- 0·1	367	+130
1057	Christmas Island	10 25	105 43	5·5	1009·4	1010·1	+ 1·2	302·7	304·7	1st	296·6	295·2	15th,24th	299·6	*299·0*	- 0·3	228	+57
1061	Kupang	10 10	123 34	45	1007·0	1012·1	+ 0·7	304·0	306·2	6th	293·9	289·9	14th	298·9	298·2	- 0·5	0	-10
1061a	Derby	17 18	123 40	16·2	1014·6	1016·7	+ 2·1	301·8	304·1	17th,18th	286·9	280·9	15th	294·2	..	- 1·5	5	- 7
1062	Hall's Creek	18 13	127 46	373	975·5	1018·0	+ 1·9	298·4	304·3	1st,2nd	282·3	275·8	29th	290·4	*289·7*	- 1·3	2	- 3
1063	Darwin	12 28	130 51	29·6	1010·0	1013·4	+ 1·5	302·9	304·8	8th	291·9	288·6	30th	297·4	*296·2*	- 1·5	0	- 3
1064	Daly Waters	16 16	133 23	211	991·4	1015·6	+ 1·3	301·2	306·9	5th	285·9	281·9	30th	293·6	*292·9*	- 0·7	0	- 6
1065	Palmerville	15 56	144 8	210	989·6	1013·5	+ 0·6	301·9	304·7	1st	287·1	280·7	30th	294·5	..	- 1·0	2	-10
1066	Georgetown, Queensland	18 22	143 32	302	981·4	1015·9	+ 0·8	301·1	305·2	5th	283·7	275·2	30th	292·4	..	- 0·9	0	-11
1066a	Willis Island	16 18	149 59	8·5	1012·4	1013·5	..	298·9	300·9	8th	295·1	293·4	14th	297·0	*296·8*	..	90	..
1067	Samarai	10 37	150 40	6·1	..	1012·3	+ 0·3	302·0	..	..	296·5	..	..	299·3	*299·1*	+ 0·8	109	-166
1072	Suva, Fiji	18 8	178 26	6·1	1013·0	1013·8	+ 0·3	299·8	303·6	11th	294·8	290·8	26th,27th	297·3	*297·1*	+ 0·6	286	+116
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S. JUNE – ZONE 11 (AMERICA, AFRICA).

1106	‡Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	298·1	300·2	16th,22nd	291·1	286·9	28th	294·6	*294·4*	- 0·4	46	-64
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·8	1017·6	- 0·1	288·9	291·4	10th	282·1	280·0	2nd,22nd	285·5	*286·1*	+ 1·0	98	+58
1122	Antofagasta	23 42	70 24	94	..	..	..	..	..	..	..	..	..	..	..	..	0	- 3
1123	Catamarca	28 27	65 47	510	‡955·6	1015·7	0·0	290·0	297·1	27th	276·8	269·8	19th	283·4	*283·1*	- 1·3	6	+ 2
1124	Salta	24 46	65 28	1128	882·4	1015·4	0·0	291·8	301·6	21st	275·9	270·2	16th	283·8	283·3	- 1·1	7	+ 4
1125	Goya	29 9	59 15	37	1013·2	1017·7	+ 0·5	291·5	300·0	28th	281·1	271·4	18th	286·3	*286·0*	- 0·7	65	+25
1126	Asuncion	25 17	57 41	93	1007·8	1018·9	+ 2·3	295·0	302·7	26th	285·3	275·5	18th	290·2	*289·5*	- 0·3	52	-21
1127	Curityba	25 25	49 17	908	916·1	1019·4	- 0·6	291·4	296·0	6th	280·1	270·5	19th	285·8	*285·2*	0·0	102	+ 1
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1016·7	1018·9	- 0·1	298·3	302·6	10th	290·7	287·7	19th	294·5	294·0	+ 0·5	3	-54
1139	Windhoek	22 34	E. 17 6	1727	832·8	1019·2	..	293·3	296·5	11th	280·2	275·6	25th	286·8	*285·8*	+ 0·6	0	- 1
1140	O'Okiep	29 36	17 52	933	914·4	1020·7	+ 0·1	291·4	299·3	13th	281·9	274·9	26th	286·7	*285·9*	+ 2·0	46	+17
1141	Kimberley	28 44	24 46	1218	885·4	1022·6	- 0·7	292·1	297·3	1st	279·1	271·6	26th	285·6	284·7	+ 2·3	22	+17
1141a	Johannesburg	26 11	28 4	1806	827·1	1023·5	+ 0·2	288·8	294·6	13th	279·0	270·6	26th	283·9	*283·4*	+ 0·5	60	+56
1142	Bulawayo	20 9	28 35	1349	872·4	1021·5	- 0·7	294·7	298·1	4th	280·8	276·3	26th	287·7	*287·0*	+ 0·6	1	0
1143	Durban	29 52	31 3	15·2	1020·5	1022·3	- 0·5	294·7	297·8	3rd	286·9	281·9	25th	290·8	*290·3*	+ 0·1	299	+270
1144	Lourenço Marques	25 58	32 36	59·5	..	1021·2	- 0·2	297·2	301·2	3rd	287·0	283·5	27th	292·1	291·5	+ 0·2	11	- 3
1147	Mauritius	20 6	57 33	55·2	1013·3	1019·8	+ 0·8	296·8	298·2	4th	290·2	287·2	12th	293·5	293·3	- 0·3	65	- 6
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see Table of Authorities, pages 105-15.

JUNE – ZONE 11. (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1015·7	1016·2	+ 0·8	297·0	300·4	16th	284·7	280·9	7th	290·8	..	- 1·1	11	-34
1160	Cue	27 27	117 52	454	966·3	1019·1	+ 1·0	290·9	296·1	27th	281·4	276·4	3rd	286·2	..	- 0·4	42	+ 8
1161	Nullagine	21 53	120 5	386	..	..	..	295·6	298·6	19th	..	..	..	..	..	..	97	+73
1162	Laverton	28 40	122 23	466	966·1	1020·5	+ 0·3	290·8	296·2	28th	279·1	273·2	21st	284·9	*284·8*	- 0·4	24	0
1163	Alice Springs	23 38	133 37	587	953·0	1020·9	+ 1·9	291·7	300·2	2nd	276·9	270·8	14th	284·3	*284·0*	- 1·1	0	-14
1164	William Creek	29 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	1001·0	1018·1	+ 1·6	295·1	304·5	3rd	281·5	278·1	26th,29th	288·3	*289·0*	- 0·8	3	- 9
1165	Thargomindah	27 58	143 43	123	1005·9	1020·7	+ 2·3	291·7	301·9	3rd	279·4	274·7	22nd,26th	285·6	*285·3*	- 0·7	9	-12
1166	Mitchell	26 32	147 52	336	981·1	1021·1	+ 1·7	291·4	301·3	4th	276·7	269·8	23rd	284·0	..	- 0·9	18	-26
1167	Rockhampton	23 24	150 30	11·3	1016·2	1017·6	- 0·1	295·2	300·3	5th	284·3	279·5	25th	289·7	*289·0*	- 1·2	264	+200
1168	Brisbane	27 28	153 2	41·8	1014·4	1018·9	+ 0·7	293·3	297·7	5th	282·8	277·2	23rd	288·1	*287·5*	- 0·6	112	+41
1170	Norfolk Island	29 4	167 59	14·9	1017·2	1019·0	+ 1·8	292·6	295·2	7th	289·2	286·3	22nd	290·9	*290·6*	+ 0·8	225	+76
		S.	E.															

JUNE – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1017·5	1018·2	..	289·3	292·8	9th,18th	..	..	..	..	*296·9*	..	183	+ 4
1221a	Punta Tumbes	36 37	73 6	120	1002·5	1017·2	+ 0·7	286·7	292·4	2nd	280·5	276·6	18th	283·6	*284·0*	+ 0·1	180	+64
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1012·4	1017·4	- 0·2	288·2	292·2	17th	281·7	279·4	17th	284·9	*285·3*	+ 1·0	80	-72
1222a	Santiago	33 27	70 42	520	956·8	1018·5	+ 0·1	287·9	296·5	2nd	277·6	271·5	17th	282·7	*281·7*	+ 0·9	46	-37
1223	Cordoba	31 25	64 12	423	966·6	1016·9	- 0·2	290·3	300·4	26th	274·9	265·9	18th	282·6	282·5	- 0·3	39	+32
1224	Bahia Blanca	38 45	62 15	25	1013·0	1016·1	0·0	287·8	293·7	26th	277·2	271·0	17th	282·5	282·1	+ 0·7	4	-19
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1015·0	1018·1	- 0·2	287·1	297·0	27th	278·0	270·7	18th	282·6	282·7	- 0·1	43	-21
1226	Montevideo (Prado)	34 52	56 12	24·9	1012·5	1015·3	- 1·5	287·2	296·1	27th	278·7	273·1	4th	283·0	*282·9*	- 0·8	155	+77
1226a	Porto Alegre	30 2	W. 51 13	23·5	1015·1	1017·9	- 1·3	291·7	303·1	21st	281·4	272·7	19th	286·5	286·1	- 0·6	87	-37
1239	Cape Town	33 56	E. 18 29	12·2	1019·9	1021·3	+ 1·5	291·6	297·4	16th	282·9	276·9	28th	287·2	*286·0*	+ 1·0	72	-42
1240	Danger Point	34 37	19 18	27·7	1017·7	1021·0	+ 3·5	289·6	292·4	21st	283·6	279·1	27th,28th	286·6	..	+ 0·1	27	-77
1241	Riversdale	34 6	21 16	61·0	..	..	..	292·8	302·2	16th	279·5	274·1	28th	286·1	..	+ 0·4	19	-17
1242	East London	33 1	27 54	45·4	1016·8	1022·2	+ 0·6	292·1	297·4	23rd	284·4	280·7	1st	288·3	..	- 0·5	203	+169
1259	Perth (Observatory)	31 57	115 51	60·0	1011·1	1018·3	+ 0·4	290·0	295·7	10th	282·4	276·3	3rd	286·2	*286·3*	- 0·6	234	+56
1260	Katanning	33 42	117 35	310	980·6	1017·7	+ 0·3	287·2	291·3	10th	278·9	273·2	9th	283·0	..	- 0·8	97	+22
1261	Coolgardie	30 57	121 10	423	969·1	1018·8	+ 0·1	289·1	294·2	13th	278·2	273·6	23rd	283·7	*283·6*	- 0·9	35	+ 6
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1019·3	1020·7	+ 1·7	289·2	293·0	2nd	282·3	276·9	13th	285·8	*285·5*	+ 0·1	71	- 1
1264	Adelaide	34 56	138 35	42·7	1015·2	1020·3	+ 1·2	289·2	296·7	2nd	281·6	275·8	29th	285·4	*285·3*	+ 0·5	86	+ 8
1265	Melbourne	37 49	144 58	35·1	1014·6	1018·8	+ 0·3	286·7	290·8	2nd,3rd	279·5	272·3	29th	283·1	*282·7*	- 0·1	28	-24
1266	Bourke	30 13	145 58	110	1009·9	1023·2	+ 1·9	291·6	295·8	1,2,3	276·8	270·2	26th	284·2	..	- 1·0	3	-27
1267	Sydney	33 51	151 13	42·1	1014·0	1018·9	+ 1·2	290·3	296·2	4th	281·6	277·3	25th	285·9	*284·9*	+ 0·3	71	-51
1268	Lord Howe Island	31 20	159 0	4·9	1016·8	1017·5	+ 0·3	292·4	295·9	5th	287·6	283·6	9th	290·0	..	+ 0·4	82	+15
1271	Auckland	36 51	174 48	13·4	..	1014·5	0·0	288·6	291·0	6th,7th	282·9	279·3	2nd	285·7	..	+ 0·8	144	+68
1272	Napier	39 29	176 55	1·5	..	..	..	288·7	295·8	7th	279·6	273·0	16th	284·1	..	+ 1·6	22	-68
		S.	E.															

JUNE – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 52	176 42	45·7	..	1006·4	- 2·9	..	..	..	..	..	..	..	..	..	102	+16
1321	∮Isla Guafo	43 34	74 45	140	996·2	1013·2	+ 0·7	283·1	285·0	4th	278·7	274·6	16th	280·9	*281·5*	+ 0·6	69	-51
1322	Punta Galera	40 1	73 44	40	1009·8	1014·7	- 0·3	285·5	287·6	5th	281·2	277·0	17th	283·3	*283·6*	+ 0·8	279	+22
1323	Sarmiento	45 34	69 0	272	978·1	1011·5	+ 0·1	280·6	288·4	28th	271·4	263·8	1st	276·0	276·0	- 0·3	5	-13
1324	∮Puerto Madryn	42 49	W. 64 58	14	1009·6	1011·3	- 1·0	286·9	293·0	18th	273·4	268·0	22nd	280·2	281·4	+ 1·0	0	-18
1365	∮Launceston	41 27	E.147 10	10·1	1012·5	1013·7	- 1·7	284·9	288·0	20th	276·4	270·5	27th,29th	280·7	*280·2*	- 0·4	136	+52
1366	Hobart	42 53	147 20	53·9	1006·0	1012·6	- 1·6	284·4	289·7	4th	277·4	274·1	30th	280·9	*280·4*	- 0·4	57	+ 1
1369	Invercargill	46 25	168 21	3·7	..	..	..	284·8	290·2	3rd,4th	277·1	272·4	1st,19th	280·9	..	+ 2·0	112	+21
1370	Alexandra	45 15	169 24	159	..	..	..	281·9	290·8	4th	272·6	268·0	19th	277·2	276·9	..	38	..
1371	Dunedin	45 52	170 31	6·1	..	1008·3	- 5·1	284·2	292·4	4th,5th	277·5	271·9	29th,30th	280·8	..	+ 1·2	176	+84
1371a	Christchurch	43 32	172 37	7·6	..	1008·7	- 3·8	284·6	293·1	5th	275·8	270·5	1st	280·2	..	+ 0·8	78	+10
1372	Wellington	41 16	174 46	128	..	1010·4	- 4·0	285·6	288·6	7th,9th	280·6	276·1	30th	283·1	282·9	+ 0·4	141	+20
		S.	E.															

JUNE – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	994·4	1001·1	- 1·4	280·8	283·8	7th	275·7	271·0	20th	278·3	*278·7*	+ 1·2	58	-176
1422	Magallanes (Punta Arenas)	53 10	70 54	28	997·1	1000·5	- 2·5	278·8	284·5	12th	275·2	273·0	28th	277·0	*277·0*	+ 1·7	8	-20
1423	Punta Dungeness	52 24	68 26	5	999·6	1000·4	- 1·7	279·0	282·6	13th,14th	274·9	272·5	20th	276·9	*277·2*	+ 0·8	5	-14
1424	∮Santa Cruz	50 1	68 31	12	1002·8	1004·3	- 1·1	279·6	286·0	3rd	271·1	264·0	23rd	275·4	275·4	+ 0·5	1	-12
1425	∮Stanley, Falkland Is.	51 42	57 51	1·8	..	1000·2	- 3·3	278·9	281·9	12th	272·9	269·1	23rd,24th	275·9	..	+ 0·7	49	- 5
1426	Cape Pembroke	51 41	57 42	21·3	996·7	999·3	- 3·4	279·3	282·4	12th,13th	274·4	271·3	17,21,23	276·8	*277·1*	+ 1·0	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	989·0	989·5	- 8·6	274·4	280·7	20th	269·4	262·9	7th	271·9	*271·8*	+ 0·4	133	+ 8
		S.	W.															

JUNE – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	∮South Orkneys	S. 60 44	W. 44 39	7	991·8	992·7	- 3·8	263·9	275·2	11th	252·1	243·9	30th	258·0	259·3	- 5·0	20	- 8
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, JULY 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JULY, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

JULY – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·8	..	1016·9	+ 4·7	278·4	286·3	10th	272·3	270·2	14,16,31	275·3	..	- 2·5	11	-18
125	Upernivik	72 47	56 7	19·2	1007·1	1009·4	- 2·1	282·5	286·2	27th	276·4	272·0	9th	279·5	*279·0*	+ 1·0	37	+14
131	Myggbukta	73 30	21 30	3·2	..	1014·8	..	..	295·8	25th	..	269·6	9th	..	*277·5*	..	1	..
132	Scoresbysund	70 29	21 58	16·9	1009·0	1011·0	..	283·0	288·0	26th	275·1	270·7	14th	279·1	*279·0*	..	3	..
135	Jan Mayen	70 59	W. 8 18	23·1	1008·4	1011·2	+ 1·6	..	291·3	11th	274·3	272·0	4th	..	*277·0*	- 1·4	24	+ 1
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1006·4	1007·7	- 4·5	..	281·6	28th	274·9	271·3	1st	..	276·7	- 1·7	10	- 6
140	Björnöen	74 28	19 17	40·5	1003·0	1008·0	- 2·2	..	283·9	12th	273·7	271·1	1st	..	*276·2*	- 1·6	9	-10
141	Ingöy	71 4	24 6	4·3	1008·4	1008·9	- 1·4	..	289·3	11th	279·4	275·7	2nd	..	*281·4*	- 1·3	29	- 4
142	Sletnes	71 5	28 14	10·2	1008·7	1009·3	- 2·2	..	285·5	13th	278·7	275·4	1st	..	*280·8*	..	19	..
143	Vardö	70 22	31 8	11·8	1008·7	1010·1	- 2·0	..	286·0	14th	278·6	274·3	1st	..	*280·6*	- 1·1	25	-20
147	Malye Karmakouly	72 23	52 43	15·3	1007·8	1009·5	- 3·5	..	..	..	..	..	..	..	*278·6*	- 0·5	30	+ 3
148	Walgatz	70 24	58 47	11·2	1007·8	1009·2	- 1·2	..	..	..	..	..	..	..	*279·2*	+ 0·2	48	+18
153	Dickson	73 31	80 23	13·0	1009·1	1010·7	+ 1·1	283·2	292·0	20th	276·8	271·6	2nd	280·0	*279·5*	+ 2·4	41	+13
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

JULY – ZONE 2.

		N.	W.															
201	Preobrajenye	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1009·9	1010·5	- 0·7	289·3	294·7	4th,5th	277·3	271·9	31st	283·3	*284·4*	+ 0·2	50	-23
204	Bethel	60 45	161 47	11·6	..	1011·2	..	290·7	298·6	31st	280·4	276·9	14th	285·6	..	..	57	..
205	Tanana	65 10	152 6	69·5	1002·6	1010·1	- 2·5	294·4	299·7	1,10,11	280·2	273·0	29th,30th	287·3	*287·9*	- 0·4	68	+ 7
206	Rampart	65 30	150 15	114	..	..	..	294·2	300·2	2nd	278·9	273·6	29th	286·6	..	- 2·1	14	-22
207	Valdez	61 7	146 16	122	..	..	..	287·6	294·7	24th	278·3	275·2	4th	282·9	..	..	99	..
208	Eagle	64 46	141 12	248	979·7	1009·8	- 2·1	293·3	299·1	2nd	280·6	271·3	30th	286·9	*287·2*	- 1·2	73	+29
209	Dawson	64 4	139 29	324	971·5	1009·5	..	293·4	301·3	19th	281·3	273·6	31st	287·4	*286·9*	- 0·8	75	+36
210	Mayo Landing	63 35	135 51	?579	951·2	1018·7	..	292·2	298·6	19th	280·9	271·3	31st	286·6	*286·7*	..	64	..
211	Fort Good Hope	66 15	128 38	65·2	1006·0	1013·9	..	292·6	299·7	1st	279·4	270·2	31st	286·0	..	- 2·3	29	+15
212	Fort Simpson	61 52	121 35	129	993·5	1008·8	..	296·2	303·6	24th	282·5	275·2	11th	289·3	*288·9*	- 0·1	14	-31
213	Hay River	60 51	115 57	161	989·3	1008·4	..	293·8	301·9	13th	279·8	271·9	1st	286·8	*286·5*	- 1·5	23	-11
225	Jacobshavn	69 13	51 2	31·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
226	Godthaab	64 10	51 43	20	..	..	..	286·6	290·2	1st	276·8	276·8	9th,10th	282·7	*281·7*	+ 2·1	125	+66
227	Ivigtut	61 12	48 10	30·0	..	..	..	286·9	291·4	20th	279·2	275·0	15th	283·1	*283·2*	+ 0·3	97	+14
228	Angmagsalik	65 36	37 33	29·3	1008·6	1012·2	+ 1·2	286·4	295·6	22nd	278·2	274·7	5th	282·3	*282·2*	+ 2·4	8	-43
231	Stykkisholm	65 5	22 46	25	..	1012·3	+ 2·0	289·3	295·3	26th	281·3	277·4	2nd,20th	285·3	*284·8*	+ 2·1	13	-25
232	Vestmannio	63 24	20 17	132	..	1012·4	+ 2·4	..	..	..	..	..	..	..	*283·6*	+ 0·8	41	-38
233	Grimsey	66 33	18 1	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..
233a	Akureyri	65 41	18 5	7	..	1012·0	+ 1·2	288·2	296·4	22nd	281·9	276·5	2nd	285·1	*285·0*	+ 0·7	7	..
234	Teigarhorn	64 41	14 22	18	..	1011·8	+ 1·2	290·0	298·5	17th	280·0	277·6	2nd	285·0	*284·2*	+ 2·4	33	+33
235	Hjövig	62 3	6 45	22·9	1009·8	1012·6	+ 1·0	285·4	288·4	20th	281·1	278·0	23rd	283·3	*283·2*	- 0·3	124	+43
236	Lerwick	60 8	W. 1 11	18·0	..	1012·4	+ 1·2	287·4	291·8	19th	282·9	279·7	26th	285·2	*284·9*	+ 0·7	29	-29
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1007·8	1013·1	+ 1·8	289·9	298·8	18th	283·7	281·1	28th	286·8	*286·2*	- 0·9	163	+45
238	Aalesund	62 28	6 10	6·3	1012·2	1013·0	+ 1·9	..	292·6	10th	282·9	281·0	8th	..	*284·9*	- 1·0	56	-26
240	Trondhjem	63 26	10 25	59·2	1005·2	1012·4	+ 0·9	288·6	294·7	19th	281·9	277·8	29th	285·3	*285·2*	- 1·8	83	+25
241	Bodö	67 17	14 26	17·0	1008·9	1010·9	- 0·5	..	290·4	11th	280·9	274·5	7th	..	*283·3*	- 2·2	83	+18
242	Haparanda	65 50	24 9	9·2	1007·4	1008·5	- 1·8	291·0	296·0	5th,19th	281·9	278·0	8th,30th	286·5	*286·5*	- 1·6	45	- 1
242a	Helsingfors	60 10	24 57	11·7	1008·0	1009·4	- 1·4	292·6	297·3	21st	285·3	283·9	19th	288·9	*288·6*	- 1·0	70	+13
243	Kuopio	62 55	27 40	233	981·0	1008·5	- 1·8	292·3	297·0	22nd	283·6	279·0	9th	288·1	*287·3*	- 2·2	48	-18
244	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
246	Arkhangelsk	64 34	40 31	6·3	1007·1	1007·9	- 2·7	..	..	..	..	..	..	..	*287·4*	- 1·3	85	+25
247	Vezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Ust-Tsylma	65 25	52 18	? 68	998·8	1007·0	- 3·4	290·7	298·3	5th	282·1	273·4	22nd	286·4	*285·5*	- 1·5	81	+12
	Tcherdyn	60 24	56 31	?208	983·8	1008·1	- 1·0	294·6	304·2	4th	285·4	277·4	22nd	290·0	*289·6*	- 0·4	101	+40
249	Berezov	63 56	65 4	46	1002·7	1008·2	- 1·3	..	..	..	..	..	..	..	*289·4*	+ 0·7	146	+86
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1003·0	1008·6	+ 1·5	..	..	..	..	..	..	..	*289·9*	- 0·2	104	+38
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1003·6	1008·9	+ 3·4	..	..	..	..	..	..	..	*288·6*	- 0·2	39	-11
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	990·8	1003·3	- 1·7	..	..	..	..	..	..	..	*291·5*	- 0·3	45	+ 5
263	Verkholansk	67 33	133 24	100	987·4	999·1	- 5·4	..	..	..	..	..	..	..	*288·3*	- 0·2	43	+17
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
269	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1009·2	1011·3	+ 0·2	..	..	..	..	..	..	..	*281·8*	- 2·2	23	-11
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.*			Temperature.										Precipitation.	
					Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.		Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.
		N.	W.																
302	St. Paul Island	57 15	170 1	28·0	..	1012·5	+ 0·1	282·4	285·8	4th	278·8	276·9	2nd,6th	280·6	..	+ 0·2	103	+29	
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1008·8	1009·1	- 5·4	288·0	294·1	18th	281·3	276·3	21st	284·7	*283·9*	+ 1·0	..	..	
304	Chernofski Harbor	54 27	166 42	?	..	..	..	285·7	291·9	15th,23rd	279·6	276·3	23rd	282·6	..	..	68	..	
305	Dillingham	59 0	158 28	24·4	..	..	..	292·1	298·0	15th	281·4	276·9	22nd	286·7	..	+ 0·5	65	-10	
306	Kodiak (Radio)	57 47	152 22	4·6	1011·6	1012·2	- 2·6	291·2	300·8	28th	281·3	279·1	5th	286·3	*285·1*	+ 0·9	67	-11	
309	Sitka	57 3	135 19	19·8	..	..	..	288·9	295·2	22nd	281·3	276·3	10th,25th	285·1	..	- 0·6	173	+67	
310	Prince Rupert	54 18	130 18	51·8	1011·5	1017·8	- 0·6	289·1	293·6	7th,13th	282·5	280·8	10,19,31	285·6	*285·7*	- 0·4	157	+36	
311	Barkerville	53 2	121 35	1274	..	..	..	290·7	298·0	30th	276·8	273·0	3rd,16th	283·8	..	- 1·5	111	+29	
312	Kamloops	50 41	120 29	385	970·9	1015·2	- 1·1	300·1	308·6	30th	285·8	280·8	12th	292·9	*292·9*	- 1·2	16	- 9	
313	Calgary	51 2	114 2	1058	893·8	1010·7	- 0·5	299·9	306·9	19th	281·0	274·7	12th	290·5	*290·0*	+ 1·3	33	-33	
314	Fort Chipewyan	58 43	111 9	218	982·7	1008·1	..	295·3	305·2	14th	283·9	274·7	1st	289·6	*290·3*	+ 1·4	57	-21	
315	Prince Albert	53 10	105 38	437	960·0	1010·2	- 1·2	297·6	306·9	26th	284·2	279·1	8th	290·9	*290·7*	+ 0·8	36	-66	
316	Qu'Appelle	50 30	103 47	651	938·5	1012·1	0·0	299·4	309·1	26th	283·9	278·6	9th,31st	291·7	*291·7*	+ 1·2	4	-47	
317	Minnedosa	50 15	99 50	515	952·6	1011·3	- 0·6	299·6	308·0	16th	283·8	276·9	13th	291·7	*291·9*	+ 1·1	19	-35	
318	Berens River	52 18	97 23	216	..	..	..	296·6	305·2	12th	281·4	274·7	3rd	289·0	..	- 2·3	30	- 1	
318a	Port Nelson	57 0	92 51	14·9	1006·4	1008·2	..	290·9	305·2	15th	279·1	274·1	9th	285·0	*285·4*	- 1·1	41		
319	Pagwa	50 3	85 18	189	..	..	..	298·0	305·2	28th	276·1	266·3	16th,19th	287·1	..	- 2·6	36	-21	
320	Moose Factory	51 14	80 30	9·1	1007·4	1008·5	..	..	..	..	280·1	273·0	5th	..	..	..	25	-36	
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..		
322	Mistassini Post	50 15	73 55	383	..	..	..	291·2	296·9	13th,21st	280·9	269·1	2nd	286·1	..	- 2·7	58	-36	
324	Natashquan	50 8	61 48	6·1	..	..	..	289·5	294·1	8th,10th	281·6	277·4	25th	285·7	..	- 1·2	54	-26	
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
333e	62°-57°N. 20°-15°W.	††59 30	††17 22	§(42)	..	..	..	..	..	Sea Temp. 285·0]+0·2	..	..	..	..	..	..	..	..	
334	Valentia Observatory	51 56	10 15	13·7	1014·5	1016·2	+ 0·7	290·3	296·4	15th	285·0	281·3	3rd	287·7	287·8	- 0·1	134	+38	
335	Aberdeen	57 10	W. 2 6	26·0	1011·0	1014·2	+ 1·7	289·6	294·0	18th,20th	283·4	278·2	8th	286·5	286·6	+ 0·2	95	+21	
336	Greenwich	51 28	0 0	46·3	..	1017·5	+ 1·9	297·6	305·2	20th	284·7	280·8	8th,14th	291·2	290·4	+ 0·6	46	-12	
337	Uccle	50 48	E. 4 22	100	1005·6	1017·4	+ 1·5	297·8	305·8	17th	285·2	277·8	9th	291·5	290·4	+ 1·2	42	-47	
338	De Bilt	52 6	5 11	3·0	1016·9	1017·3	+ 2·0	296·1	305·7	18th,21st	284·8	279·6	28th	290·5	290·1	+ 0·3	53	-24	
338a	Hamburg	53 33	9 58	40·3	1012·2	1017·0	+ 2·8	294·9	304·3	21st	285·9	282·4	26th	290·4	*290·1*	- 0·1	38	-25	
339	‡Copenhagen (Meteon Inst.)	55 41	12 36	5·0	1013·9	1014·5	+ 1·6	292·9	298·6	12th	284·7	280·9	10th	288·8	*289·0*	+ 0·6	39	-56	
340	Potsdam	52 23	13 4	84·9	1006·6	1016·6	+ 2·2	297·1	307·7	21st	286·1	280·4	10th	291·6	291·3	+ 0·6	24	+10	
340a	Uppsala	59 51	17 38	24	1006·9	1009·8	- 0·8	293·5	300·7	21st	283·5	279·3	7th	288·5	288·5	- 1·1	83	..	
341	Warsaw	52 13	21 3	89·9	1004·8	1015·4	+ 1·3	295·9	305·9	22nd	286·3	281·2	30th	291·1	*291·3*	..	75	- 8	
342	Tartu (Ülikooli)	58 23	26 43	80·8	1000·8	1010·4	- 0·6	293·9	299·7	3rd	284·7	280·6	18th	289·3	289·1	- 0·9	73		
343	Leningrad	59 56	30 16	4·8	1008·3	1008·9	- 1·7	..	..	..	..	..	..	..	*290·6*	+ 0·2	75	+11	
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
344a	Moscow	55 50	37 33	164	990·8	1010·0	- 0·6	..	..	..	..	..	..	..	..	..	..	..	
345	Saratov	51 32	46 2	127	995·9	1010·6	+ 1·0	..	..	..	..	..	..	..	*291·3*	+ 0·3	80	+ 3	
346	Kazan	55 47	49 8	79·9	1000·4	1009·7	- 0·7	301·2	308·7	26th	289·8	284·5	21st	295·5	*295·3*	+ 1·6	22	-41	
347	Orenburg	51 45	55 6	109	998·2	1010·7	+ 1·0	299·3	305·8	2nd	288·6	279·3	22nd	294·1	*293·4*	+ 0·5	49	- 7	
348	Perm	58 1	56 16	163	990·3	1009·3	- 0·1	304·2	311·2	1st	289·3	278·5	23rd	296·8	*297·3*	+ 2·4	16	-18	
349	Sverdlovsk	56 50	60 38	281	976·6	1009·1	+ 1·1	298·4	306·6	3rd	286·8	279·4	23rd	292·6	*292·3*	+ 1·4	65	- 9	
350	Tobolsk	58 12	68 14	108	997·1	1009·7	+ 1·3	..	..	..	..	..	..	..	*292·2*	+ 2·2	33	-41	
351	Akmolinsk	51 12	71 23	347	969·1	1006·5	+ 0·4	302·6	310·7	31st	286·7	275·6	23rd	294·6	*292·7*	+ 1·6	35	- 2	
352	Omsk	55 1	73 19	108	997·2	1009·8	+ 2·0	..	..	..	..	..	24th	..	*294·9*	+ 1·7	37	- 4	
353	Barnaoul	53 20	83 47	158	990·3	1009·1	+ 3·4	299·3	305·9	21st	286·0	280·0	13th	292·6	*292·7*	+ 1·0	50	-14	
354	Tomsk	56 30	84 58	123	995·4	1009·7	+ 2·6	296·3	303·3	21st	283·8	278·7	9th	290·0	*290·3*	+ 0·5	39	-24	
355	Minousinsk	53 43	91 41	249	979·6	1008·2	+ 1·7	..	..	..	..	..	..	..	*292·8*	- 0·5	27	-26	
356	Eniseisk	58 27	92 10	81·2	999·2	1008·8	+ 2·7	..	..	..	..	..	..	..	*289·8*	- 2·1	24	-38	
357	Irkutsk	52 16	104 19	467	953·8	1007·4	+ 0·9	..	..	..	..	..	..	..	*289·2*	- 1·1	57	-21	
358	Kirensk	57 47	108 7	278	974·3	1006·6	+ 0·7	..	..	..	..	..	..	..	*288·9*	- 2·3	45	-10	
359	Tchita	52 2	113 30	685	923·9	1001·0	- 2·7	..	..	..	..	..	..	..	*288·9*	- 2·7	103	+19	
360	Nertchinskii Zavod	51 19	119 37	621	933·0	1002·9	- 1·4	..	..	..	..	..	..	..	*290·0*	- 1·9	173	+65	
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
362	Blagovyeshchensk (Bureau Météon)	50 16	127 30	142	985·5	1001·8	- 3·7	..	..	..	..	..	..	..	*293·7*	- 0·6	223	+110	
364	Chantar Bolchoy	54 50	137 30	† 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1000·0	1005·0	- 2·1	..	..	..	..	..	..	..	..	..	..	+ 3	
366	‡Okhotsk	59 21	143 17	5·5	1007·8	1008·5	- 0·8	..	..	..	..	..	..	..	*288·1*	- 1·3	54	-13	
368	‡Petropavlovsk (Phare)	52 53	158 43	87·1	997·4	1008·0	- 1·9	..	..	..	..	..	..	..	*285·1*	+ 0·5	42		
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	+72	
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	*281·6*	- 1·8	155	..	
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.	

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
‡Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.*			Temperature.										Precipitation.	
					Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.		Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.		mm.	mm.
		N.	W.																
411	Victoria, B.C	48 24	123 19	70·1	1009·1	1017·5	+ 0·5	293·7	301·9	13th	284·1	281·9	11th	288·9	*289·3*	+ 0·3	6	- 5	
412	Portland, Oregon	45 32	122 41	46·6	1012·4	1017·6	+ 0·6	299·7	306·9	28th	286·7	284·7	22nd	293·2	*293·1*	+ 1·0	1	-14	
413	Macleod	49 44	113 24	953	..	..	..	301·1	308·0	25th	283·5	277·4	12th	292·3	*292·7*	+ 1·1	11	-40	
414	Helena	46 34	112 4	1253	874·5	1013·2	- 0·3	302·7	310·8	24th	286·2	279·7	7th	294·4	*294·4*	+ 1·5	6	-23	
414a	Salt Lake City	40 46	111 54	1329	867·7	1012·2	+ 0·5	304·9	309·7	25th	292·7	285·3	9th	298·8	*299·5*	+ 1·0	10	- 3	
415	Cheyenne	41 8	104 48	1856	817·1	1014·5	+ 0·6	300·6	305·2	26th	285·9	278·6	9th	293·3	*292·9*	+ 0·7	52	+ 1	
416	North Platte	41 8	100 45	860	917·3	1013·9	- 0·1	305·0	310·3	27th	291·7	281·9	9th	298·3	*298·0*	+ 1·9	52	-19	
416a	Bismarck	46 47	100 38	510	953·8	1012·8	- 0·9	304·3	314·1	26th	287·9	281·3	5th	296·1	*296·5*	+ 2·0	27	-30	
417	Winnipeg	49 53	97 7	232	985·1	1012·0	..	299·7	308·6	26th	286·4	278·6	18th	293·1	*293·1*	+ 1·0	28	-51	
418	Duluth	46 47	92 6	345	974·1	1014·5	+ 0·3	297·7	306·3	27th	285·4	279·1	19th	291·6	*291·6*	+ 0·7	87	- 9	
419	Port Arthur	48 27	89 12	196	990·7	1013·6	- 0·1	296·1	305·8	22nd	284·4	278·0	19th	290·3	*290·3*	+ 0·5	59	-35	
420	Chicago	41 47	87 35	205	992·4	1016·9	+ 1·7	300·8	306·9	27th	291·7	285·3	20th	296·2	*295·9*	- 0·1	55	-31	
421	Toronto	43 40	79 24	116	1002·2	1015·8	+ 1·2	299·6	305·3	28th	287·2	280·8	3rd	293·4	*293·2*	- 0·2	113	+41	
422	‡New York (Central Park)	40 47	73 58	47·4	1011·5	1017·0	+ 1·5	302·6	308·0	28th,30th	292·2	285·8	3rd	297·4	296·9	+ 0·1	31	-83	
423	St. John, N.B.	45 17	66 4	36·3	1010·3	1014·6	..	293·3	299·1	16th,30th	284·5	280·2	3rd	289·1	*288·7*	+ 0·3	50	-42	
424	S.W.Point, Anticosti	49 24	63 33	9·1	1009·1	1010·2	..	289·2	294·7	13th,23rd	283·2	279·7	4th	286·2	*286·4*	- 0·5	50	-31	
424a	Sable Island (Main Station)	43 57	60 6	7·6	1015·8	1016·7	..	290·4	293·6	29th	285·7	281·9	2nd	288·1	*288·5*	+ 0·2	40	-53	
425	Port aux Basques	47 35	59 10	9·1	1011·4	1012·5	- 1·2	290·7	296·3	23rd	283·4	280·2	1st,2nd	287·1	*286·8*	+ 0·9	124	+12	
426	St. John's, Newfoundland	47 34	52 42	74·1	1004·0	1012·8	- 0·8	294·3	298·6	20th	..	..	..	..	..	..	73	-23	
435	Madrid	40 24	3 41	667	942·3	1017·0	+ 2·3	302·8	307·9	14th	290·7	283·8	4th	296·8	*295·3*	+ 0·6	15	+ 7	
436	Nantes	47 15	W. 1 34	36·5	1013·3	1017·8	- 0·3	297·9	304·6	19th	286·3	281·1	9th	292·4	292·2	+ 1·0	72	+16	
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1012·3	1018·2	+ 1·2	299·0	306·8	20th	287·1	279·0	9th	293·0	292·9	+ 1·8	52	0	
438	Marseille	43 18	5 23	75	..	1016·6	+ 1·5	302·5	306·8	3rd	289·6	285·0	10th	296·0	*295·9*	+ 0·8	0	-17	
438a	Zürich	47 23	8 33	493	962·1	1018·7	+ 1·9	299·7	309·0	23rd	286·6	280·7	10th	293·2	292·0	+ 0·9	123	- 7	
439	Rome	41 54	12 29	45·5	1011·7	1017·1	+ 2·2	305·2	309·6	22nd	293·1	288·4	9th	299·1	*299·3*	+ 1·7	0	-17	
440	Vienna	48 15	16 22	203	993·7	1017·3	+ 2·3	297·8	305·8	24th	288·1	283·4	29th	292·9	292·9	- 0·2	74	- 5	
440a	Budapest	47 31	19 1	130	1001·2	1016·4	+ 2·5	301·9	309·8	24th	289·0	284·5	10th	295·5	295·0	+ 0·5	9	-46	
441	Sofia	42 42	23 20	550	953·3	1015·4	+ 1·6	300·3	308·5	7th	287·7	284·1	12th	294·0	*294·4*	+ 0·8	8	-64	
442	Bucharest	44 25	26 6	82	1005·7	1015·2	+ 2·6	301·9	309·4	7th	288·8	284·4	12th	295·3	294·9	- 0·8	86	+18	
443	Odessa (Observatory)	46 26	30 46	42·8	1009·3	1014·3	+ 1·9	298·9	306·2	26th	289·7	282·7	20th	294·3	*294·2*	- 1·4	20	-29	
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
444a	Novorossiisk	44 44	37 49	37·1	1008·8	1013·1	+ 2·2	..	..	..	..	..	..	..	..	..	..	..	
445	Tiflis	41 43	44 48	404	965·5	1011·0	+ 1·2	302·4	308·2	30th	291·3	285·7	26th	296·9	296·5	- 0·4	31	-35	
446	Astrakhan	46 21	48 2	-20	1014·7	1012·2	+ 1·6	303·0	308·5	29th	294·6	288·1	22nd	298·8	*298·2*	- 0·7	37	-12	
447	Fort Alexandrovsk	44 31	50 7	-23·0	1013·1	1010·5	+ 0·8	..	..	..	..	..	..	..	*298·6*	+ 0·7	9	- 4	
448	Krasnovodsk	40 0	52 59	-4·6	1009·5	1009·0	+ 1·0	..	..	..	..	..	..	..	*301·7*	- 0·3	3	-12	
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*299·8*	+ 0·2	0	- 5	
450	Tashkent	41 20	69 18	479	949·9	1002·7	- 1·1	307·5	313·7	19th	290·9	286·9	4th	299·2	299·7	+ 1·4	2	- 5	
451	Narynskoe	41 26	76 13	2015	792·2	..	- 1·5	297·1	302·8	21st	282·9	278·3	5th	290·0	*289·8*	+ 0·0	0	- 4	
451a	Andijan	40 47	72 23	503	947·0	1002·0	..	307·8	313·1	19th	294·5	291·2	26th	301·2	*300·3*	- 0·3	38	- 2	
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*295·8*	..	0	..	
461	Moukden	41 48	123 23	43·8	999·6	1004·6	0·0	303·0	306·8	13th	293·9	290·1	19th	298·5	297·9	+ 0·2	44	+ 9	
462	Joshin	40 40	129 12	31·9	1003·6	1007·3	- 0·1	298·1	306·3	30th	291·9	288·3	3rd	295·0	294·4	+ 1·1	273	+111	
463	Yuki	42 20	130 24	63·8	1000·1	1007·5	- 0·1	296·4	303·0	31st	290·9	287·0	7th	293·7	293·3	+ 0·7	101	-13	
464	Vladivostok	43 7	131 54	128	992·2	1007·2	- 1·0	..	..	..	..	..	..	..	*292·1*	+ 0·5	78	-36	
465	Ochiai	47 20	142 47	27·4	1002·9	1008·1	- 3·0	296·2	302·6	28th	286·4	281·3	6th	291·3	290·8	+ 2·6	50	-27	
466	Nemuro	43 20	145 35	26·7	1005·9	1009·1	- 1·0	293·9	305·1	31st	285·3	281·3	10th,11th	289·6	289·1	+ 2·0	89	-12	
466a	Syana	45 14	147 53	39·3	1003·8	1008·5	- 2·1	292·6	299·6	28th	285·2	275·4	21st	288·9	288·7	+ 2·0	61	-35	
		N.	E.														53	-21	

BETWEEN LATITUDE 40° N. AND 30° N.

JULY - ZONE 5 (AMERICA).

511	San Francisco	37 48	122 26	47·2	1009·0	1014·5	+ 0·4	293·1	302·4	2nd	285·7	284·1	20th	289·4	*289·0*	+ 2·3	0	- 1	
512	Sacramento	38 35	121 30	21·0	1009·7	1012·2	+ 0·6	304·8	313·6	4th	287·4	284·7	11th	296·1	*296·2*	+ 0·2	0	- 1	
513	San Diego	32 43	117 10	26·5	1010·0	1013·2	+ 0·1	296·3	301·3	15th	291·3	289·1	4th	293·8	*293·4*	+ 1·5	0	- 2	
514	Modena	37 48	113 54	1668	835·2	1011·5	+ 0·2	304·1	308·6	2nd	286·3	283·0	12th	295·4	*294·1*	+ 0·2	27	-10	
515	Santa Fé	35 41	105 57	2138	791·9	1012·5	+ 0·7	299·5	304·1	17th	287·4	284·7	3rd	293·5	*292·9*	+ 0·3	64	- 3	
516	Denver	39 45	105 0	1613	840·8	1014·9	+ 0·8	302·8	308·0	26th	289·2	283·0	9th	296·0	*295·2*	+ 0·7	41	- 4	
517	Abilene	32 23	99 40	530	954·7	1014·2	+ 0·7	307·7	313·0	18th	295·1	291·3	3rd	301·4	*301·1*	+ 0·4	16	-34	
518	Saint Louis	38 38	90 12	173	996·5	1016·6	+ 1·3	304·3	309·7	28th	294·8	287·4	20th	299·6	*299·2*	+ 0·4	68	-24	
519	Mobile	30 41	88 2	17·4	1015·9	1017·9	+ 1·5	304·7	308·0	2nd	296·4	294·7	28th	300·6	*299·4*	+ 0·7	79	-100	
520	Nashville	36 10	86 47	166	999·0	1018·3	+ 2·1	304·4	308·0	7th	293·9	290·2	20th	299·2	*298·7*	+ 0·1	167	+82	
521	Charleston	32 47	79 56	14·6	1017·2	1018·9	+ 2·0	303·0	310·2	2nd	296·1	290·2	22nd	299·6	*299·6*	- 0·4	154	-26	
522	Washington	38 54	77 3	34·1	1013·4	1017·3	+ 1·8	303·6	309·1	28th	292·3	285·8	20th	297·9	*297·3*	+ 0·2	33	-87	
524	Bermuda	32 17	64 46	46·0	1018·7	1024·0	..	303·2	305·2	12th	296·2	293·6	1st	299·7	*299·6*	+ 0·2	92	-23	
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A	mm.	mm.	

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
‡Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1020·9	1025·5	- 0·3	296·5	301·3	31st	290·5	287·5	1st,2nd	293·5	293·3	- 1·1	45	-10
531	Horta	38 32	28 38	65	1017·7	1025·5	+ 0·5	297·8	302·0	30th	290·4	287·3	1st	294·1	293·4	- 1·1	21	-33
532	Ponta Delgada	37 44	25 40	22	1022·3	1024·8	+ 0·7	295·6	298·5	27th	290·4	288·2	7th	293·0	292·9	- 1·0	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..		..	..		..	..	..	22	-10
533	Madeira (Funchal)	32 38	16 55	25	1017·9	1020·8	+ 0·5	296·5	300·0	11th	291·9	287·4	2nd	294·2	*294·3*	+ 0·1	0	- 3
535	Lisbon	38 43	9 9	95	1006·9	1018·0	+ 0·8	300·1	309·9	12th,13th	290·4	287·5	6th	295·3	294·8	+ 0·5	20	+16
535a	Melilla	35 17	2 59	40	1013·9	1018·5	..	300·4	304·3	26th	294·6	292·5	14th	297·5	*297·8*	- 1·5	0	- 1
536	Gibraltar	36 6	5 21	27·4	..	1017·5	+ 0·5	301·9	305·8	6th,24th	292·9	290·2	5th,6th	297·4	*296·3*	+ 0·6	0	- 1
536a	Colomb-Béchar	31 37	W. 2 13	769	928·0	1009·9	..	312·4	315·0	4th	293·1	287·0	2nd	302·8	*304·1*	- 2·1	0	0
537	Palma	39 34	E. 2 39	23	1015·8	1018·5	+ 0·5	304·4	308·8	22nd	291·0	287·4	13th	297·7	*297·9*	- 0·5	0	-11
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..		..	..	13th	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..		..	..		..	..	..	..	0
539	Tunis	36 48	10 10	75	1010·1	1018·8	..	..	..	..	292·9	288·0	13th	..	..	..	0	- 3
540	Malta	35 54	14 31	71·2	..	1016·9	+ 2·7	304·5	315·0	6th	292·8	288·9	11th	298·5	*298·6*	+ 0·2	0	- 1
541	Athens	37 58	23 43	107	1000·9	1013·1	+ 1·8	302·1	308·0	6th,29th	294·9	290·8	11th,12th	298·5	*297·7*	- 0·2	0	- 1
542	Alexandria	31 12	29 53	32·0	1006·3	1010·0	+ 0·4	305·3	310·9	6th	295·6	291·8	12th	300·4	300·0	+ 0·1	0	0
543	Ankara (Angora)	39 58	32 48	861	..	..	..	302·1	303·9	28th	296·3	295·0	25th	299·2	*298·6*	- 0·1	0	
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1006·3	+ 0·8	..	..	..	..	..	..	..	..	..	..	..
544	Beirut	33 54	35 28	33·7	..	1007·3	- 0·3	308·7	313·0	9th,10th	293·3	288·6	26th	301·0	..	- 0·4	0	- 1
545	Hinaidi	33 17	44 29	32·3	995·0	998·7	- 0·4	304·5	305·7	11th,31st	295·9	294·1	10th	300·2	*300·0*	+ 0·5	0	0
546	Lenkoran	38 46	48 51	-20·0	..	..	..	315·3	320·8	13th	298·8	294·7	24th,28th	307·1	*307·3*	- 0·5	0	
547	♯Tehran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	..	..
548	Meshed	36 17	59 38	946	856·3	980·9	..	307·5	310·5	22nd	294·0	290·0	19th,22nd	300·7	*300·5*	- 2·0	0	- 4
					..	..	..	306·6	310·9	19th	288·9	282·2	26th	297·7	..	0·0	0	- 2
549	Seistan	31 0	61 30	?610	942·8	..	..	311·0	314·8	31st	298·7	292·9	15th	304·8	..	- 0·9	0	0
550	Quetta	30 12	67 0	1647	827·2	..	- 1·3	307·2	311·1	1st	293·1	288·3	9th	300·1	*299·9*	+ 0·9	21	+ 5
551	Peshawar	34 2	71 37	355	958·1	996·8	- 1·0	311·0	318·3	12th	299·4	295·0	22nd	305·2	*304·7*	- 0·6	174	+143
551a	Lahore	31 34	74 20	214	973·3	996·9	- 0·7	309·6	315·4	12th	300·1	294·9	4th	304·8	*304·3*	- 0·4	97	-42
552	Simla	31 7	77 8	2202	776·4	..	- 0·2	293·9	298·8	3rd	288·3	285·8	6th	291·1	*290·9*	- 0·3	425	- 4
552a	Leh	34 10	77 42	3503	664·4	..	+ 0·1	296·2	301·2	16th	282·9	273·6	8th	289·5	*288·5*	- 1·1	32	+20
559	Hankow	30 35	114 17	37·0	999·0	1003·1	- 0·9	307·0	310·6	17th	298·3	295·3	25th	302·9	*302·2*	+ 0·5	152	-13
560	Tientsin	39 9	117 9	6·4	1003·7	1004·3	+ 0·2	306·4	312·8	13th	295·1	291·4	5th	300·7	*300·1*	+ 0·6	256	+67
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·6	1005·4	+ 0·7	305·6	309·8	23rd	297·1	294·2	3rd	301·3	300·5	+ 0·6	128	-22
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1000·8	1008·9	+ 2·3	301·6	304·5	19th	294·9	291·9	4th	298·3	297·7	+ 1·5	241	-17
562a	Nagasaki	32 44	129 52	133	995·2	1010·3	+ 1·9	302·0	305·7	19th	295·7	292·8	1st	298·9	298·4	- 0·1	518	+283
563	Kyoto	35 1	135 44	42·9	1005·3	1010·7	+ 2·2	305·2	310·4	24th	295·2	292·9	5th	300·2	299·5	+ 1·3	210	+18
564	Tokyo	35 41	139 46	5·8	1010·3	1010·9	+ 1·6	302·8	307·8	19th	295·4	290·8	2nd	299·1	298·9	+ 1·7	58	-71
565	Hukusima	37 45	140 28	68·5	1002·5	1010·3	+ 1·1	304·8	310·0	14th	294·3	290·0	6th	299·5	298·3	+ 2·6	54	-92
566	Miyako	39 38	141 59	30·4	1005·9	1009·4	0·0	302·2	307·1	18th,31st	291·2	285·7	7th	296·7	295·7	+ 2·8	22	-113

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·3	1018·9	1019·6	..	302·8	304·1	18th	294·2	292·4	5th	298·5	*297·9*	+ 0·2	27	-49
605	Honolulu	21 19	157 52	11·6	1015·2	1016·6	- 0·1	301·7	302·4	10th	296·8	295·8	1st	299·2	*298·9*	+ 0·8	9	-23
613	Guaymas	27 55	110 53	8·3	1006·0	1006·9	..	306·9	310·5	3rd	299·4	295·0	27th	303·1	*302·4*	- 1·0	74	..
615	Leon	21 7	101 41	1809	822·3	1010·9	- 0·3	298·9	302·9	3rd	287·2	285·8	3rd	293·1	*292·2*	- 1·5	229	+71
616	Monterry	25 40	100 18	528	953·8	1012·0	+ 0·7	305·4	309·3	19th	295·1	292·5	8th	300·3	*300·1*	- 0·2	27	-29
617	Tulancingo	20 5	98 22	2181	790·9	..	- 0·4	295·0	297·2	18th	283·7	280·6	22nd	289·3	*288·0*	- 1·4	106	+23
618	Galveston	29 18	94 50	16·5	1015·2	1017·3	+ 1·2	303·6	308·0	19th	298·7	293·0	25th	301·1	*301·0*	- 0·2	182	+89
618a	New Orleans	29 57	90 4	16·2	1015·8	1017·6	+ 1·7	304·1	307·4	20th	297·0	295·2	16th	300·6	*300·1*	- 0·2	299	+132
619	Mérida, Yucatan	20 58	89 38	22	1013·3	1015·8	+ 0·2	304·2	306·2	18th	295·9	295·0	13th	300·1	*299·3*	- 0·5	237	+129
620	Havana	23 7	82 25	77·0	1007·7	1016·5	- 0·2	304·3	305·8	21st	296·0	294·5	9th	300·1	299·5	..	216	..
620a	Key West	24 33	81 48	6·7	1017·0	1017·6	+ 0·9	303·5	305·8	5th	297·4	294·7	11th	300·4	*300·4*	- 1·2	132	+45
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·8	+ 1·1	304·2	303·0	5th	297·4	294·1	21st	300·8	*300·9*	- 0·4	295	+147
622	Watling Island(San Salvador)	24 6	74 26	33·5	1015·7	1019·6	+ 1·1	..	303·0	5,16,31	..	298·0	10th	..	*300·8*	- 1·0	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	299·9	308·8	20th	292·5	290·2	3rd	296·2	*294·6*	..	0	..
634m	Izaña	28 19	16 30	2367	775·4	..	+ 2·4	294·6	298·0	11th	286·8	279·5	4th	290·7	*290·3*	+ 0·6	1	+ 1
634	La Laguna	28 28	16 20	547	955·4	1017·5	+ 0·5	299·2	308·3	12th	288·7	286·2	31st	294·0	*293·3*	+ 0·7	1	- 2
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	313·1	316·5	1st	297·0	295·5	26th	305·1	..	..	..	..
642	Siwa	29 12	25 29	-23	1012·7	1010·0	- 1·0	309·5	314·6	10th	293·0	290·0	20th	301·2	*301·1*	- 1·1	0	0
643	Cairo (Helwan)	29 52	31 20	116	995·6	1008·7	+ 0·5	307·5	311·9	10th	293·7	291·4	27th	300·6	*300·5*	- 0·5	0	0
643m	Aswan	24 2	32 53	100	996·0	1006·8	+ 0·8	314·1	319·0	1st	298·5	294·6	28th	306·3	*305·8*	- 0·2	..	..
644	Tor	28 14	33 37	1·9	1005·8	1005·9	+ 0·9	306·5	309·6	21st	296·5	292·9	20th	301·5	*301·2*	+ 0·2	0	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	996·3	996·7	..	307·0	311·8	15th	302·1	298·1	11th	304·6	*303·9*	- 0·4	0	0
648	Jask	25 45	57 45	4·0	994·8	995·2	..	309·6	312·8	1st	303·1	300·4	16th	306·3	*305·6*	+ 0·7	0	0
649	Karachi	24 53	66 57	4·0	997·2	997·7	- 1·7	304·7	306·5	2nd	301·0	295·9	29th,30th	302·8	*302·1*	+ 0·6	53	-21
650	Jacobabed	28 17	68 29	56·7	989·2	995·5	- 0·8	311·9	320·2	1st	301·2	295·2	15th	306·6	*306·0*	- 2·2	97	+74
651	Jaipur	26 56	75 52	436	951·1	998·7	- 0·7	306·4	313·7	10th	298·2	296·1	24th	302·3	*301·5*	- 0·6	245	+42
652	Nagpur	21 8	79 5	310	966·9	1001·3	- 0·3	303·9	308·4	3rd	296·1	293·5	18th	300·0	*299·4*	- 0·6	217	-134
653	Allahabad	25 25	81 51	94·2	987·0	997·5	- 1·5	308·7	315·2	3rd	299·5	297·0	26th	303·1	*302·5*	- 0·1	585	+288
653a	Darjeeling	27 3	88 15	2265	771·1	..	- 1·3	292·7	296·2	29th	288·1	286·8	4th	290·4	*290·2*	+ 0·7	622	-199
654	Calcutta	22 32	88 20	6·4	996·9	997·8	- 2·4	304·2	309·3	3rd	299·0	297·4	18th	301·6	*301·4*	+ 0·1	283	-35
655	Gauhati	26 8	91 41	59·7	994·1	1000·8	- 1·3	305·3	308·3	15th,26th	298·6	296·2	31st	301·9	*301·3*	0·0	210	-89
655m	Cherrapunji	25 15	91 42	1313	861·5	..	- 1·3	295·7	299·7	12th	291·7	290·1	29th	293·7	*293·2*	+ 0·4	1989	-513
656	Akyab	20 11	92 56	6·1	1001·7	1002·4	- 1·3	301·2	303·3	1st	297·3	296·2	11th	299·3	*299·4*	- 0·9	1815	+423
656a	Mandalay	21 59	96 0	76·2	994·8	1003·3	- 0·9	306·3	310·0	29th	298·7	297·0	28th	302·5	*301·9*	- 0·8	140	+57
657	Tengyueh	25 2	98 33	1626	832·4	1002·0	..	297·3	301·3	25th	289·9	288·6	19th	293·6	*292·9*	+ 0·5	172	-166
♯658	Phu Lien	20 48	106 38	116	..	1000·7	- 1·8	303·8	309·5	10th	297·7	295·6	15th	300·7	300·3	- 0·9	530	+239
♯659	Moncay	21 31	107 51	9·0	..	1001·1	- 1·9	304·7	309·7	10th	298·1	295·9	15th	301·4	*300·7*	- 0·3	817	+215
659	Hongkong	22 18	114 10	33·2	..	1003·3	- 1·4	302·9	306·4	8th	298·6	296·6	12th	300·8	300·6	- 0·2	577	+211
660	Amoy	24 26	118 4	4·9	1003·4	1003·9	- 1·5	304·6	308·0	16th,17th	299·7	297·4	31st	302·1	*301·9*	+ 0·1	250	+117
661	Taihoku, Formosa	25 2	121 31	9·3	1003·4	1004·4	- 1·2	306·0	309·7	7th	297·4	295·9	12th	301·7	301·0	- 0·1	168	-65
661a	Basco	20 28	121 59	18·7	..	1003·8	- 1·6	303·7	306·0	3rd	298·2	295·6	30th	300·9	300·7	- 0·5	685	+371
662	Naha	26 12	127 39	29·5	1005·1	1008·5	+ 0·9	302·9	304·8	29th	298·1	296·2	2nd	300·5	300·4	- 0·5	104	-84
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1011·7	1012·2	+ 0·6	303·6	305·6	30th	296·3	292·1	5th	299·9	299·5	- 0·6	48	-118

BETWEEN LATITUDE 20° N. AND 10° N.

JULY - ZONE 7.

715		N.	W.															
716	Colima	19 12	103 45	498	958·0	1013·4	+ 1·2	306·1	310·7	8th	293·4	291·2	19th	299·3	*299·0*	0·0	185	+ 9
717	Morelia	19 42	101 7	1923	810·7	1010·7	+ 0·3	294·6	296·6	3rd	286·6	285·4	17th	290·7	*290·6*	- 0·5	189	+30
718	Mexico, Tacubaya	19 24	99 12	2309	776·0	..	0·0	294·8	296·9	19th	283·4	281·6	29th	289·1	287·5	- 1·2	255	+128
	Salina Cruz	16 12	95 12	56	1004·6	1011·0	- 1·3	303·6	305·2	6th	295·9	293·6	24th	299·7	*300·5*	- 0·5	83	-33
719	San Salvador	13 42	89 13	682	936·2	1011·5	- 0·7	306·5	308·0	7th	291·1	289·8	21st	298·8	*296·8*	+ 0·2	342	+44
720	Belize	17 31	88 11	5·2	1013·2	1013·8	+ 0·3	..	..	..	296·9	292·4	22nd	..	‡*299·2*	- 0·2	143	+ 5
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·3	+ 0·7	305·1	307·4	6th	295·3	292·8	16th	300·2	*300·2*	+ 0·3	255	+107
722	Port au Prince	18 33	72 20	37·4	1011·6	1015·9	+ 0·5	307·4	309·1	25th	296·0	293·0	16th	301·7	*301·2*	+ 0·4	35	-34
723	♯Caracas	10 30	66 56	1043	901·5	1015·8	..	299·1	303·2	5th	289·4	287·9	18th	294·2	*293·1*	0·0	39	-70
724	San Juan, Porto Rico	18 29	66 7	25·0	1014·5	1017·7	+ 0·6	302·1	304·7	17th	297·4	295·8	9th	299·7	*299·6*	+ 0·1	28	-135
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·8	1013·3	- 0·2	303·5	304·7	6,23,28	296·1	295·2	1,15,19	299·8	*299·1*	+ 0·6	151	-88
725	Barbados	13 8	59 36	57·9	..	1015·2	+ 0·5	303·1	304·2	23rd,29th	296·3	294·1	6th	299·7	*299·5*	- 0·1	110	-18
731	São Vicente, C.Verde Is.	16 54	25 4	11	1012·6	1013·8	- 0·3	300·8	303·0	20th	296·8	295·5	2nd	298·8	*298·6*	+ 1·2	0	- 6
732	San Tiago, C.Verde Is.	14 54	23 31	34	‡1009·9	‡1013·8	..	301·7	303·2	24th,28th	296·9	292·0	16th	299·3	..	+ 0·6	0	- 9
733	♯Dakar	14 40	17 26	32	..	1013·2	..	305·4	308·3	20th	298·0	294·6	11th	301·7	*300·1*	+ 0·9	53	-37
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·1	304·1	30th	298·2	294·1	23rd	300·1	*300·3*	+ 0·5	188	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	316·1	321·0	17th	296·1	290·0	15th	306·1	*305·2*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	305·7	309·1	23rd	295·4	293·0	3rd	300·6	*299·9*	0·0	100	-60
738	Kaduna Capital	10 32	7 25	?637	..	..	..	301·4	303·6	4th	292·2	290·2	24th	296·8	*296·2*	+ 0·3	223	-47
739	Hadeija	12 40	10 5	?	..	..	..	309·9	313·6	26th	293·7	285·8	1st,3rd	301·8	*301·1*	+ 1·1	107	-36
740	Maiduguri	11 47	13 11	361	..	..	..	305·0	309·7	24th	294·8	292·4	2nd	299·9	*299·3*	- 1·5	188	+21
741	♯El Fasher	13 32	25 18	730	926·3	1006·6	..	307·0	313·0	1st	292·4	290·0	20,21,28	299·7	*298·4*	- 1·5	245	+118
743	El Obeid	13 11	30 14	563	946·7	1009·5	+ 1·5	305·1	309·3	5th	293·8	286·7	10th	299·4	*298·6*	- 1·6	70	-19
743m	Khartoum	15 37	32 33	390	966·4	1009·4	+ 2·1	308·8	312·1	5th	296·4	292·9	2nd	302·6	*301·8*	- 3·1	165	+118
744	Port Sudan	19 37	37 13	5·5	1006·6	1007·2	+ 2·5	314·7	317·8	7th	302·3	298·9	24th	308·5	*307·2*	+ 0·6	6	- 2
745	♯Berbera, Somaliland	10 22	45 2	13·8	1003·1	1004·7	+ 0·5	312·6	314·7	7,10,12	303·9	299·7	23rd	308·3	*308·2*	- 1·1	0	- 2
746	Aden	12 45	45 3	29·8	1000·8	1004·1	+ 0·1	306·8	310·6	6th	300·2	296·6	29th	303·5	*303·4*	- 0·6	0	- 1
761	Bombey	18 54	72 49	11·3	1002·8	1004·1	- 0·6	302·9	304·6	9th	298·3	296·7	15th	300·6	300·6	+ 0·2	408	-208
762	Kodaikenal	10 14	77 28	2343	769·0	..	+ 0·2	290·2	292·3	27th	284·3	283·2	14th	287·2	*286·6*	0·0	78	-80
762m	Bangalore	12 59	77 38	921	907·3	1007·2	+ 0·3	302·4	304·7	31st	292·1	290·7	14th	297·2	*296·2*	+ 1·0	39	-67
763	Madras	13 4	80 14	6·7	1004·5	1005·4	- 0·7	310·0	312·8	15th	299·7	296·4	23rd	304·8	*303·9*	+ 1·1	49	-51
764	Vizagapatam	17 42	83 19	11·6	999·6	1001·0	- 1·1	305·8	308·2	15th	299·9	297·5	13th	302·9	*302·1*	+ 0·5	28	-86
765	Port Blair	11 40	92 40	18·0	1005·1	1007·1	- 0·3	302·7	303·9	31st	296·9	297·3	26th	300·8	*300·0*	+ 0·4	134	-253
766	Rangoon	16 46	95 48	5·5	1005·5	1006·2	- 0·5	302·3	305·2	20th	296·9	295·3	17th	298·6	*297·6*	- 1·3	734	+190
767	Cap St. Jacques	10 20	107 5	180	..	1008·6	..	301·0	302·7	5th	295·5	293·0	3rd	298·3	*297·9*	- 1·2	219	+ 5
768	Nhatrang	12 15	109 12	3·6	..	1004·4	..	305·9	308·8	1st	297·5	296·3	17th	301·7	*301·2*	+ 0·2	70	+26
769	♯Bolinao	16 23	119 53	2	..	1005·2	+ 0·1	303·4	308·0	5th	297·3	296·0	14th	300·3	*299·7*	- 0·2	446	-192
781	Vigan	17 34	120 23	12·2	..	1004·9	- 0·9	303·6	305·5	13th	297·2	295·5	8th	300·4	299·7	- 0·6	966	+273
782	Manila	14 35	120 59	14·2	..	1006·3	- 0·5	302·6	305·1	2,3,11	296·9	295·9	14th,15th	299·7	299·4	- 0·6	774	+358
785	Ormoc	11 0	124 36	5·6	..	1007·2	+ 0·1	303·8	305·2	10th	295·9	294·4	14th	299·9	*300·1*	+ 0·2	277	-11
786	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·0	+ 0·4	303·2	305·4	1st	297·1	295·4	10th	300·1	*300·5*	0·0	396	+30
	Saipan	15 14	145 46	207	986·5	1006·7	..	300·7	302·9	7th	296·5	293·6	10th	298·6	298·5	..	548	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·5	1011·1	+ 0·3	303·3	305·2	29th	297·8	295·8	28th	300·6	*300·2*	- 0·3	187	-26
821	Cristobal	9 23	79 54	11·0	..	1010·1	- 0·6	303·5	304·7	6th	298·0	296·3	1st,26th	300·7	300·1	+ 0·9	474	+68
822	Bogota	4 36	74 5	2645	747·1	..	+ 0·7	290·1	292·6	27th	283·0	281·5	18th	286·6	*286·1*	- 0·3	36	-16
822a	Merida, Venezuela	8 36	71 9	1641	‡ 841·8	..	..	296·9	301·0	11th	288·0	286·5	7th	292·5	*291·4*	- 0·3	108	-10
823	Ciudad Bolivar	8 9	63 33	38	1008·8	1013·1	..	303·4	305·0	18th	296·3	295·0	2nd,27th	299·9	*299·4*	- 0·3	163	- 2
824	El Peru, Guayanavieja	7 19	61 49	220	986·5	1011·4	- 0·3	303·7	304·9	12th	294·6	292·7	26th	299·2	*298·6*	+ 0·9	139	-80
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1013·6	+ 0·1	302·1	303·3	29th	296·8	295·3	2,17,29	299·5	*299·1*	- 0·1	195	-58
826	Paramaribo	5 49	55 9	3·7	1013·4	1013·8	- 0·1	304·2	306·1	31st	295·6	294·4	23rd	299·9	*299·2*	+ 0·1	389	+164
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	125	-51
831	10°-5°N. 30°-25°W.	††7 5	††27 7	§ (89-121)	..	1014·6	+ 0·8	..	..	Sea Temp. 299·6	..	..	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	1st	..	..	..	298·9	- 0·1	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1006·4	1014·3	+ 1·6	300·6	303·0	‡295·5	‡294·7	12,14,18	‡298·1	‡297·4	- 0·8	1146	+242
835	Assuantsi	5 18	1 15	97·3	1001·9	1013·1	..	299·3	301·3	16th,23rd	293·8	291·3	31st	296·6	*296·0*	- 0·5	139	+36
836	Accra	5 33	W. 0 12	17·7	1012·2	1014·3	+ 0·4	299·7	303·0	16th	295·8	294·1	31st	297·7	*297·4*	- 0·4	59	+17
837	Lagos	6 27	E. 3 24	3·0	1012·7	1013·0	- 0·2	300·3	301·3	8th,27th	296·3	294·1	7th	298·3	*297·7*	- 0·3	506	+239
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	297·7	299·7	..	294·3	289·7	..	296·0	*295·7*	..	1643	+943
839	∮Yola	9 12	12 30	259	..	..	..	304·1	306·3	6th	295·2	293·0	16th	299·7	*299·2*	+ 0·5	109	-65
841	Wau	7 42	28 3	440	961·9	1010·8	+ 0·5	304·1	308·0	9th	292·4	290·5	16th	298·2	*297·2*	- 0·9	208	+15
843	Malakal (Kodok)	9 35	31 37	394	967·5	1011·6	+ 0·3	303·8	306·0	30th	294·3	292·4	3rd	299·0	*297·6*	- 0·1	224	+32
843	Mongalla	5 11	31 47	448	961·8	1012·0	+ 0·8	304·2	307·5	31st	292·3	291·1	7th	298·5	*297·2*	- 0·3	143	+ 4
844	Entebbe	0 5	32 29	1171	886·1	1013·1	+ 0·8	297·9	299·1	4,10,17	289·2	287·9	8th	293·5	*293·3*	+ 0·2	77	- 3
845	Sheikh	9 55	45 15	1483	..	..	..	302·4	305·8	8th	289·7	286·3	26th	296·1	..	..	128	+84
851	Minicoy	8 17	72 49	2·7	1010·1	1010·4	+ 0·2	302·9	304·2	19th,21st	298·2	294·9	8th	300·6	*299·8*	..	453	+229
851a	Cochin	9 58	76 21	2·7	1010·0	1010·3	+ 0·3	301·2	303·0	3rd,27th	296·9	295·4	7th	299·1	*298·3*	0·0	647	+67
852	Colombo Observatory	6 54	79 52	7·3	..	1009·6	+ 0·7	302·3	302·9	5th,23rd	298·1	296·3	7th	300·2	*299·4*	+ 0·2	51	-62
853	Nuwara Eliya	6 58	80 46	1881	813·4	1011·4	+ 0·4	291·2	294·0	20th,31st	285·7	283·4	24th	288·4	*287·7*	0·0	240	- 4
854	Trincomalee	8 35	81 15	30·2	..	1005·7	+ 0·5	306·3	308·2	31st	298·6	297·5	30th	302·4	*301·6*	+ 0·2	49	-68
855	Kuta Raja	5 32	95 20	7·1	..	1008·5	- 0·7	..	..	..	..	..	..	..	..	..	31	-74
856	Medan	3 35	98 41	25	..	1008·9	0·0	305·6	307·1	27th	295·0	293·1	27th	300·3	299·9	+ 1·0	12	-123
857	Penang	5 34	100 20	5·0	..	..	..	306·4	306·9	27th	296·1	293·6	12th,13th	301·3	*300·6*	+ 0·3	33	-179
858	Singapore	1 18	103 51	10·9	..	..	..	304·5	306·3	31st	297·7	295·2	13th	301·1	*300·6*	+ 0·6	27	-145
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	998·9	1009·3	+ 0·2	304·0	305·8	sev.dates	297·3	295·3	sev.dates	300·9	300·2	..	39	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·5	305·8	30th	296·8	296·3	sev.dates	300·7	*300·7*	0·0	200	+59
860	∮Iwahig	9 44	118 38	14·3	..	1007·3	+ 0·4	303·6	305·4	19th	295·8	294·1	26th,27th	299·7	*299·4*	+ 0·1	221	-29
861	Tagbilaran	9 38	123 51	21·3	..	1007·7	+ 0·1	304·3	306·7	26th	296·9	295·4	10th,31st	300·6	299·3	- 0·5	157	- 6
861a	Menado	1 30	124 50	8·5	..	1009·0	+ 0·5	303·4	304·8	19th	295·3	294·5	27th	299·6	299·2	- 0·2	114	- 5
862	Surigao	9 48	125 29	6	..	1007·6	+ 0·1	303·4	306·4	9th	297·6	295·8	11th	300·5	300·3	- 0·1	199	+38
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·1	+ 1·3	303·9	306·1	18th	297·1	295·8	21st	300·5	299·4	- 0·4	403	-32
864	Palau	7 20	134 29	31·8	1005·7	1009·3	..	302·1	303·7	18th	296·3	294·5	25th	299·2	299·2	..	772	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·0	1009·4	..	302·4	303·9	7th	295·6	294·0	14th	299·0	298·6	..	487	..

JULY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32 S.	172 31 W.	1·8	..	1010·6	..	302·3	303·3	30th	300·6	299·0	9th	301·5	..	..	112	..
920	Lambayeque	6 46	80 55	15	1011·1	1012·9	..	298·6	301·3	14th	297·3	283·2	11th	292·9	292·1	..	0	..
921	Quito	0 14	78 30	2816	727·8	..	- 0·1	294·8	296·5	26th	280·1	276·4	18th	287·5	286·0	+ 1·0	13	- 5
924	Manaos	3 8	60 1	43·3	..	..	..	304·4	306·4	31st	294·5	293·0	24th	299·4	*299·2*	- 0·2	25	-34
926	Taperinha	2 30	54 20	21·0	1011·2	1013·8	+ 0·4	303·9	305·8	13th	294·5	293·3	29th	299·2	*297·9*	0·0	111	+ 8
927	Turyassu	1 43	45 26	9·1	1012·3	1013·4	+ 0·2	304·6	305·9	14th	293·9	292·5	14th	299·2	*298·3*	0·0	172	+13
928	Barra do Corda	5 30	45 16	81·0	1002·7	1012·2	- 0·4	305·4	306·6	21st	289·7	286·6	28th	297·6	*296·4*	- 0·6	0	- 8
929	Quixeramobim	5 16	39 15	207	991·4	1014·8	+ 0·4	302·5	303·7	15th	295·7	294·0	22nd	299·1	*299·3*	0·0	29	+ 4
930	Fernando Noronha	3 50	32 25	106	1002·7	1014·3	0·0	299·5	300·1	19th	296·4	294·7	10th	298·0	*297·6*	+ 0·1	215	+97
934	∮Ascension Island	7 56	W. 14 25	16·8	1015·3	1017·1	+ 0·3	301·1	301·9	5,16,24	295·2	293·6	29th	298·1	*297·4*	- 0·2	17	+ 5
939	Loanda	8 49	E. 13 13	**59·3	..	1015·3	- 0·4	295·2	297·0	30th	290·0	287·4	5th	292·6	292·2	- 0·6	0	0
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	292·6	295·0	..	281·9	279·2	..	287·3	*288·0*	..	64	..
943	Masaka	0 20	31 44	1280	..	..	..	300·3	303·0	15th	289·1	286·9	8th,28th	294·7	..	..	84	+48
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	823·1	1017·7	..	292·1	294·3	29th	284·4	281·5	13th	288·3	287·7	+ 0·1	38	+17
944a	Zanzibar	6 10	39 11	17·1	1016·4	1018·4	- 0·1	299·9	301·2	8th	296·0	294·7	25th	297·9	*297·2*	+ 0·1	73	+13
945	Lamu	2 16	40 50	3·0	..	..	..	300·2	301·3	7th,15th	295·8	293·6	27th	298·0	*297·6*	- 0·9	112	+34
947	Seychelles, Port Office	4 37	55 27	4·6	1012·4	1012·8	- 0·7	300·0	301·3	9th	295·9	294·5	21st,31st	297·9	*297·2*	- 0·7	35	-31
957	Padang	0 56	100 22	6·7	..	1010·6	+ 0·2	303·8	305·8	30th	296·0	294·8	3rd	299·9	299·3	0·0	54	-224
958	Batavia	6 11	106 50	8·0	1010·2	1011·1	+ 1·0	304·1	305·6	6th	295·1	293·2	19th	299·6	299·1	+ 0·2	45	-21
958a	Pontianak	0 1	109 20	2·6	..	1009·3	- 0·3	305·6	307·1	28th	296·9	295·9	4th	301·3	300·7	+ 0·8	10	-160
959	Pasuruan	7 38	112 55	5·0	..	1011·5	+ 0·8	302·9	304·2	15th	293·3	291·3	4th	298·1	298·2	- 0·5	0	-25
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	1	-39
962	Amboina	3 42	128 10	4·2	..	1011·2	+ 0·7	299·3	300·3	12th	296·1	294·1	9th	297·7	297·5	- 0·3	553	-48
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	154	+ 9
965	Daru	9 4	143 13	7·6	..	1012·3	+ 0·9	299·8	..	..	296·2	..	..	298·0	*297·7*	- 0·2	61	-44
966	Port Moresby	9 29	147 9	38·4	..	1013·3	+ 1·4	299·8	..	..	298·0	..	..	298·9	*298·6*	+ 0·3	18	-11
967	Rabaul	4 9	152 12	12·5	1007·6	1009·1	0·0	305·2	306·8	10th	295·4	294·0	24th	300·3	*299·7*	+ 0·3	142	+12
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	†302·3	†304·7	1st	†297·2	†296·1	7th	†300·1	*†299·9*	0·0	326	+183
970	Ocean Island	0 52	169 35	39·6	1005·3	1009·9	- 0·1	304·6	306·3	24th	298·1	295·2	4th	301·3	*300·7*	+ 0·5	196	+40

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
**Height changed from 5lm. to 59·3m. from July 1st.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·5	- 0·3	301·8	303·0	17th	295·7	293·6	14th	298·7	298·3	+ 0·2	75	- 1
1003	∮Alofi, Niue Island	19 2	169 55	19·3	..	1013·6	- 1·7	300·6	302·4	24th,30th	290·1	287·4	6th	295·3	*295·1*	- 0·8	30	-49
1021	Lima	12 5	77 3	111	998·3	1012·0	..	293·0	298·9	14th	287·2	284·2	13th	290·1	289·2	..	3	..
1022	Arica	18 28	70 20	5	1016·4	1017·0	..	..	..	..	287·1	284·0	16th	..	*290·2*	..	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·3	..	- 0·3	287·9	290·6	29th	273·9	270·6	16th	280·9	*280·1*	+ 0·4	26	+17
1025	Corumba	18 59	57 39	116	1002·6	1015·9	+ 1·1	301·1	305·2	18th,28th	289·7	282·8	21st	295·4	*295·0*	+ 0·9	5	- 9
1026	Cuyaba	15 36	56 6	165	995·9	1014·7	+ 0·9	305·4	308·6	27th	288·6	283·3	21st	297·0	*295·6*	- 0·4	0	- 6
1027	Bello Horizonte	19 56	43 56	695	919·4	1020·4	+ 1·0	297·5	300·8	25th	283·3	278·8	20th	290·7	*289·5*	- 0·2	7	- 3
1028	Caetite	14 3	42 37	897	920·2	1020·2	+ 1·5	297·1	300·1	31st	286·2	282·3	19th	291·6	*292·0*	- 0·4	0	-10
1030	Ondina (Bahia)	13 0	38 31	46·6	1013·5	1019·0	+ 1·1	299·1	300·4	3rd	293·2	291·4	19th	296·2	*295·8*	- 0·6	137	-53
1035	Aracaju	10 55	37 3	6·1	1018·6	1019·4	+ 1·5	299·5	300·1	7th	294·0	291·1	17th	296·8	*296·5*	..	104	..
1035	St. Helena	15 57	W. 5 40	579	950·1	1017·7	+ 1·4	..	..	..	285·2	284·1	28th,29th	..	*287·1*	+ 0·3	123	..
1040	Mossamedes	15 12	E. 12 9	12·5	1016·1	1017·6	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	911·5	1020·3	..	298·9	302·4	3rd,4th	281·2	275·8	26th	290·1	..	..	0	..
1041a	Elisabethville	11 39	27 28	1230	881·0	1016·2	+ 0·1	298·5	300·7	3rd	279·9	277·1	12th	289·2	..	+ 0·2	0	0
1042	Gwelo	19 26	30 2	1411	..	..	..	294·2	298·6	4th	278·4	273·0	21st	286·3	..	+ 0·2	0	- 1
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	858·3	1021·9	+ 0·3	294·3	296·9	4th,5th	279·5	275·2	21st	286·9	286·1	+ 0·5	1	0
1044	Zomba	15 23	35 18	955	911·6	1017·5	- 0·8	295·6	298·0	1st,2nd	284·7	280·8	21st	290·1	*289·4*	+ 0·4	12	+ 3
1045	Mossuril	14 57	40 40	15	..	1019·3	..	300·9	302·9	3rd	290·6	288·5	9th	295·7	295·8	..	9	..
1046	Antananarivo	18 55	47 33	1375	869·0	1020·4	+ 0·2	293·5	296·8	20th	282·3	279·4	12th,27th	287·9	287·2	+ 0·9	6	0
1065	Cocos, Keeling Is.	12 5	96 53	4·6	1013·4	1014·1	+ 1·4	301·2	304·6	30th	297·1	294·9	25th	299·2	*298·8*	+ 0·2	273	+22
1067	Christmas Island	10 25	105 43	5·5	1010·8	1011·3	+ 1·7	301·8	303·6	1st	295·3	292·4	24th	298·5	*297·9*	- 1·0	79	-38
1081	Kupang	10 10	123 34	45	1007·5	1012·7	+ 0·8	303·4	305·3	31st	293·1	288·7	18th	298·3	297·6	- 0·6	0	- 5
1081a	Derby	17 18	123 40	16·2	1015·1	1017·2	+ 2·0	301·3	303·8	4th	284·3	281·3	21st	292·8	..	- 2·1	0	- 4
1082	Hall's Creek	18 13	127 46	373	975·6	1018·4	+ 1·5	298·3	305·3	31st	278·6	274·1	21st	288·4	*287·7*	- 2·5	0	- 5
1083	Darwin	12 28	130 51	29·6	1010·2	1013·7	+ 1·1	302·4	304·3	28th	289·3	279·7	26th	292·4	*291·7*	- 1·3	0	- 1
1084	Daly Waters	16 16	133 23	211	991·4	1015·7	+ 0·8	301·1	305·8	28th,30th	283·9	279·7	26th	292·4	*291·7*	- 1·0	0	- 1
1085	Palmerville	15 56	144 8	210	990·2	1014·2	+ 0·8	302·0	304·2	11th,25th	285·2	280·7	1st	293·6	..	- 1·3	0	- 5
1086	Georgetown, Queensland	18 22	143 32	302	982·2	1016·3	+ 1·0	300·1	303·0	25th,26th	281·3	274·7	29th	290·7	..	- 2·0	0	- 7
1086a	Willis Island	16 18	149 59	8·5	1013·8	1014·6	..	298·3	299·2	29th	294·3	293·0	1st,13th	296·6	*296·5*	..	8	..
1087	Samarai	10 37	150 40	6·1	..	1012·2	+ 0·4	300·5	..	..	296·1	..	..	298·3	*298·1*	+ 0·1	136	-79
1092	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·5	1013·3	- 0·6	299·7	304·1	1st	293·8	289·7	16th	296·7	*296·5*	+ 0·7	176	+51

BETWEEN LATITUDE 20° S. AND 30° S.

JULY - ZONE 11 (AMERICA, AFRICA).

1105	∮Rarotonga (Avarus)	21 12 S.	159 46 W.	6·1	..	..	..	298·2	300·3	5th	289·3	285·3	7th,9th	294·0	*293·8*	- 0·5	138	+20
1121	Punta Tortuga, Coquisbo	29 55	71 22	25	1013·8	1016·6	- 1·2	288·4	292·6	11th	281·8	273·3	24th	285·1	*285·6*	+ 0·3	10	-18
1122	Antofagasta	23 42	70 24	94	..	..	..	..	298·0	11th	..	283·0	19th	..	*286·9*	+ 0·3	0	- 6
1123	Catamarca	28 27	65 47	510	‡ 957·8	1017·5	+ 1·1	294·2	301·3	27th	279·4	272·0	31st	286·8	*285·6*	+ 0·7	0	- 4
1124	Salta	24 46	65 28	1182	884·5	1016·9	+ 1·6	293·8	303·2	11th	276·3	269·9	21st	285·3	284·9	+ 0·2	0	- 1
1125	Goya	29 9	59 15	37	1015·7	1020·2	+ 3·2	294·0	303·0	15th	282·9	275·2	19th	288·4	*287·9*	+ 0·8	82	+38
1126	Asuncion	25 17	57 41	93	1009·6	1020·7	+ 4·3	296·6	304·0	12th	286·9	277·5	21st	291·8	*290·9*	- 0·5	57	- 3
1127	Curityba	25 25	49 17	908	919·0	1022·4	+ 1·5	291·8	296·7	30th	281·8	276·1	22nd	286·8	*286·0*	+ 0·8	30	-35
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1019·9	1022·1	+ 2·1	297·0	302·4	30th	289·2	287·0	19th	293·1	292·5	- 0·5	56	+13
1139	Windhoek	22 34	E. 17 6	1727	833·5	1021·2	..	292·8	296·5	12th	278·3	270·5	4th	285·5	*284·5*	- 0·7	0	- 1
1140	O'Okiep	29 36	17 52	933	914·0	1020·6	- 1·3	..	..	..	..	..	..	..	..	..	40	+20
1141	Kimberley	28 44	24 46	1218	886·5	1024·9	0·0	291·1	298·7	13th	275·3	271·9	4th	283·4	282·8	+ 0·2	1	- 6
1142	Johannesburg	26 11	28 4	1806	827·4	1024·0	- 0·7	289·2	292·3	14th	278·4	271·3	5th	283·8	*283·3*	+ 0·6	1	- 7
1143	Bulawayo	20 9	28 35	1349	872·8	1021·9	- 1·0	294·8	299·2	4th	280·1	276·2	21st	287·4	*287·0*	+ 0·6	1	0
1144	Durban	29 52	31 3	15·2	1021·1	1022·9	- 1·0	294·4	297·2	21st	286·2	283·6	8th	290·3	*289·9*	0·0	93	+62
1147	Lourenço Marques	25 58	32 36	59·5	..	1023·0	+ 0·2	297·5	303·9	14th	285·9	282·1	1st	291·7	291·0	- 0·1	3	-11
	Mauritius	20 6	57 33	55·2	1014·0	1020·5	+ 0·1	296·1	298·1	19th	289·6	286·4	10th	292·9	292·5	- 0·3	57	- 6

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

JULY – ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1017·1	1017·6	+ 1·2	296·9	300·2	31st	281·7	277·2	25th	289·3	..	- 1·6	0	-21
1160	Cue	27 27	117 52	454	968·9	1022·0	+ 2·9	290·6	293·8	25th	278·7	275·4	16th	284·7	..	- 0·9	1	-23
1161	Nullagine	21 53	120 5	386	..	..	..	295·0	299·7	2nd	280·3	274·1	25th	287·7	..	- 0·6	0	-15
1162	Laverton	28 40	122 23	466	968·2	1022·9	+ 2·4	290·6	294·8	26th	276·5	271·3	4th	283·6	*283·5*	- 0·8	1	-13
1163	Alice Springs	23 38	133 37	567	952·9	1021·1	+ 1·3	290·9	298·0	3rd	274·0	269·8	20th	282·4	*282·1*	- 2·1	0	- 9
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	1001·1	1018·4	+ 0·9	293·9	300·4	9th	278·1	274·9	30th	286·0	*285·7*	- 2·2	0	-17
1165	Thargomindah	27 58	143 43	123	1005·8	1020·7	+ 1·3	290·0	296·5	9th	275·7	272·1	25th	282·8	*282·5*	- 2·4	0	-23
1166	Mitchell	26 32	147 52	336	980·5	1020·7	+ 1·5	291·4	298·2	10th	271·9	268·0	16th,21st	281·7	..	- 2·2	2	-33
1167	Rockhampton	23 24	150 30	11·3	1017·2	1018·6	+ 0·5	295·5	299·2	5th,10th	281·6	277·0	16th	288·6	*287·6*	- 1·3	0	-35
1168	Brisbane	27 28	153 2	41·8	1014·4	1019·0	+ 0·7	293·2	297·2	10th	280·3	277·2	17th	286·8	*286·1*	- 0·9	13	+43
1170	Norfolk Island	29 4	167 59	14·9	1015·3	1017·1	0·0	291·0	293·3	29th	286·6	283·6	11th	288·8	*288·4*	- 0·5	192	+30
		S.	E.															

JULY – ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 52	6	1020·3	1021·0	..	289·6	293·9	13th	282·3	281·3	17th	285·9	*286·7*	0·0	55	-98
1221a	Punta Tumbes	36 37	73 6	120	1003·6	1018·2	+ 1·0	287·0	293·0	15th	279·8	273·2	29th	283·4	*284·1*	+ 0·2	103	+19
1222	Punta Angeles, Valparaiso	33 1	71 36	41	1011·9	1016·9	- 1·0	288·8	295·0	12th	280·9	278·2	31st	284·9	*284·7*	+ 0·4	12	-61
1222a	Santiago	33 27	70 42	520	956·4	1018·1	- 0·5	290·5	297·0	7th	275·9	272·0	23rd	283·2	*281·6*	+ 0·7	20	- 8
1223	Cordoba	31 25	64 12	423	968·4	1018·4	+ 1·4	293·0	302·6	11th	277·4	268·3	31st	285·2	284·7	+ 1·5	0	-25
1224	Bahia Blanca	38 45	62 15	25	1015·0	1018·1	+ 1·6	290·0	295·6	10th	277·2	269·1	30th	283·6	283·5	+ 2·4	0	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1017·9	1021·0	+ 2·3	288·5	294·5	10th	278·9	272·6	31st	283·7	283·7	+ 1·3	33	-23
1226	Montevideo (Prado)	34 52	56 12	24·9	1015·1	1018·5	+ 0·4	287·8	294·2	17th	279·0	272·1	24th	283·4	*283·3*	0·0	34	-30
1226a	Porto Alegre	30 2	W. 51 13	23·5	1018·6	1021·4	+ 1·6	292·8	301·2	18th	284·2	277·5	3rd	288·5	288·0	+ 1·5	121	+12
1239	Cape Town	33 56	E. 18 29	12·2	1021·3	1022·6	+ 1·7	289·4	296·4	27th	281·1	276·3	21st	285·3	*286·0*	- 0·3	98	+ 6
1240	Danger Point	34 37	19 18	27·7	1018·3	1021·7	+ 1·5	289·0	294·7	13th	282·3	277·4	26th,27th	285·7	..	- 0·4	72	-11
1241	Riversdale	34 6	21 16	61·0	..	..	..	291·8	301·6	24th	276·7	272·0	19th	284·3	..	- 0·8	69	+30
1242	East London	33 1	27 54	45·4	1016·6	1022·0	+ 1·0	293·2	303·6	23rd	282·4	279·7	6th,11th	287·8	..	- 0·3	70	+46
1259	Perth (Observatory)	31 57	115 51	60·0	1014·6	1022·0	+ 3·1	289·2	292·4	7th	281·1	277·4	4th	285·2	*285·3*	- 0·7	134	-36
1260	Katenning	33 42	117 35	310	983·8	1021·2	+ 3·3	286·7	289·7	23rd	278·1	271·3	12th	282·4	..	- 0·4	56	-25
1261	Coolgardie	30 57	121 10	423	972·3	1022·4	+ 2·9	288·6	292·3	24th	276·8	271·9	4th	282·8	*282·7*	- 0·9	10	-11
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1020·8	1022·2	+ 2·3	288·3	291·9	25th	280·7	273·6	29th	284·5	*284·3*	- 0·3	64	+ 5
1264	Adelaide	34 56	138 35	42·7	1016·2	1021·4	+ 1·2	287·2	292·4	3rd	279·2	274·7	30th	283·2	*283·1*	- 0·9	59	- 6
1265	Melbourne	37 49	144 58	35·1	1014·9	1019·0	+ 0·1	285·1	290·3	2nd	278·0	271·4	31st	281·6	*281·4*	- 0·7	41	-20
1266	Bourke	30 13	145 58	110	1009·7	1023·1	+ 1·7	290·3	295·2	4th,10th	275·1	271·3	21st,27th	282·7	..	- 1·5	2	
1267	Sydney	33 51	151 13	42·1	1013·1	1018·1	- 0·1	289·3	294·6	10th	279·3	275·9	18th	284·3	*283·3*	- 0·3	81	-43
1268	Lord Howe Island	31 20	159 0	4·9	1015·9	1016·5	- 0·4	290·5	293·1	5th	285·4	280·7	26th	287·9	..	- 1·0	171	+34
1271	Auckland	36 51	174 48	13·4	..	1010·7	- 3·8	287·4	289·3	13th	279·8	275·0	5th	283·6	..	- 0·3	158	+55
1272	Napier	39 29	176 55	1·5	..	..	..	285·2	288·6	14th,20th	275·8	272·1	28th	280·5	..	- 1·9	51	-48
		S.	E.															

JULY – ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52	176 42	45·7	..	1008·5	- 0·5	..	..	..	..	..	..	..	..	..	82	-36
1321	✠Isla Guafo	43 34	74 45	140	998·4	1015·5	+ 1·2	282·7	286·0	15th	278·1	275·8	3rd	280·4	*280·9*	+ 0·2	121	+ 8
1322	Punta Galera	40 1	73 44	40	1012·3	1017·2	+ 1·6	284·8	286·7	9th	280·8	277·5	31st	282·8	*282·8*	+ 1·0	175	-13
1323	Sarmiento	45 34	69 0	272	978·8	1012·0	- 1·2	282·6	293·1	24th	273·7	264·0	6th	278·2	277·9	+ 1·9	7	+ 6
1324	✠Puerto Madryn	42 49	W. 64 58	14	1010·9	1012·6	- 1·4	288·0	295·5	24th	273·6	264·1	6th	280·8	281·8	+ 1·7	17	
1365	✠Launceston	41 27	E.147 10	10·1	1013·2	1014·4	+ 0·2	283·9	286·2	9th	274·6	269·9	29th	279·2	*278·8*	- 1·1	67	-11
1366	Hobart	42 53	147 20	53·9	1007·0	1013·6	+ 0·1	283·5	286·3	21st	276·7	271·3	1st	280·1	*279·7*	- 0·6	42	-33
1369	Invercargill	46 25	168 21	3·7	..	..	..	283·3	293·6	23rd	274·9	270·2	4th	279·1	..	+ 0·7	51	- 3
1370	Alexandra	45 15	169 24	159	..	..	..	279·6	284·7	14th	272·0	267·0	4th	275·8	275·5	..	27	..
1371	Dunedin	45 52	170 31	6·1	..	1009·4	- 4·6	282·2	285·8	14,15,20	275·6	271·9	5th	278·9	..	+ 0·1	158	+78
1371a	Christchurch	43 31	172 37	7·6	..	1008·3	- 4·5	282·4	286·3	14th	274·8	269·3	11th	278·6	..	- 0·3	94	+52
1372	Wellington	41 16	174 46	128	..	1009·0	- 4·3	283·3	286·6	16th	278·4	274·6	11th	280·8	280·6	- 1·1	176	+53
		S.	E.															

JULY – ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	75 6	55	993·1	999·8	- 2·2	279·7	281·6	18th	275·1	271·0	2nd	277·4	*277·9*	+ 1·0	178	-86
1422	Magallanes (Punta Arenas)	53 10	70 54	28	995·8	999·3	- 4·0	278·0	282·0	24th	274·0	269·6	31st	276·0	*276·1*	+ 1·6	18	-18
1423	Punta Dungeness	52 24	68 26	5	998·6	999·2	- 3·9	278·3	283·0	24th	274·1	272·7	27th	276·2	*276·4*	+ 0·9	27	+ 6
1424	✠Santa Cruz	50 1	68 31	12	1001·9	1003·4	- 3·4	280·8	290·0	24th	271·7	266·0	3rd	276·2	276·3	+ 1·6	2	-14
1425	✠Stanley, Falkland Is.	51 42	57 51	1·8	..	1000·2	- 3·2	279·0	283·0	24th	272·6	268·0	6th	275·8	..	+ 0·8	35	-15
1426	Cape Pembroke	51 41	57 42	21·3	996·8	999·2	- 3·8	278·8	283·0	25th	274·1	270·8	6th	276·4	276·7	+ 1·1	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	994·2	994·7	- 3·1	274·6	281·9	11th,12th	269·3	263·6	9th	271·9	*272·0*	+ 0·8	178	+38
		S.	W.															

JULY – ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	✠South Orkneys	60 44	44 39	7	989·6	990·5	- 4·0	265·9	274·7	10th	255·0	245·4	8th	260·4	260·9	- 1·4	34	0
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
✠Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, AUGUST 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF AUGUST, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. AUGUST – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·8	..	1012·5	+ 0·7	291·0	291·3	26th	273·7	270·2	14th,22nd	277·3	..	+ 0·3	35	+14
125	Upernivik	72 47	56 7	19·2	1009·2	1011·5	+ 0·3	282·9	288·1	24th	276·5	272·9	22nd,23rd	279·7	*279·3*	+ 1·4	14	-14
131	Myggbukta	73 30	21 30	3·2	..	1017·0	..	..	285·9	11th	..	267·2	31st	..	*276·1*	..	5	..
132	Scoresbysund	70 29	21 58	16·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1006·2	1009·1	- 2·7	..	287·0	24th	275·5	272·2	31st	..	*277·9*	- 0·9	38	+12
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1010·1	1011·4	- 0·3	..	284·1	8th	274·9	270·7	31st	..	276·3	- 0·7	26	+ 4
140	Björnöen	74 28	19 17	**	‡1003·9	1009·0	- 2·3	..	281·7	10th	274·2	271·3	6th	..	*275·8*	- 1·5	32	+ 5
141	Ingöy	71 4	24 6	4·3	1006·0	1006·5	- 4·2	..	289·0	8th	280·4	279·1	22nd	..	*282·3*	- 0·4	66	+25
142	Sletnes	71 5	28 14	10·2	1006·4	1007·6	- 2·9	..	290·0	2nd	280·2	277·4	21st	..	*282·4*	..	57	..
143	Vardö	70 22	31 8	11·8	1006·3	1007·7	- 3·7	..	287·6	2nd	280·0	277·2	30th	..	*282·4*	+ 0·6	51	+ 2
147	Malye Karmakouly	72 23	52 43	15·3	1009·9	1011·3	- 0·5	..	..	..	..	..	..	..	*278·2*	- 0·3	51	+ 9
148	Waigatz	70 24	58 47	11·2	1010·4	1011·3	+ 1·1	..	..	..	..	..	..	..	*276·3*	- 0·9	25	- 5
153	Dickson	73 31	80 23	13·0	1010·3	1011·9	+ 3·0	279·9	284·8	11th	276·0	270·9	27th	278·0	*277·8*	- 0·1	16	-21
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. AUGUST – ZONE 2.

201	Preobrajenye	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1008·5	1009·1	+ 0·9	285·9	291·9	9th	276·0	268·6	16th,22nd	280·9	*281·5*	- 2·0	109	+29
204	Bethel	60 45	161 47	11·5	..	1011·5	..	287·3	294·7	10th	279·4	273·5	29th	283·3	..	..	88	..
205	Tanana	65 10	152 6	69·5	1004·0	1011·8	+ 1·4	289·7	300·2	3rd	278·4	271·3	20th	284·1	*284·1*	- 0·9	89	+35
206	Rampart	65 30	150 15	114	..	..	..	289·3	301·9	3rd	276·5	269·7	22nd	282·9	..	- 3·2	51	+14
207	Valdez	61 7	146 16	122	..	..	..	289·4	295·3	4th	280·4	276·3	30th	284·9	..	..	103	..
208	Eagle	64 46	141 12	248	981·0	1011·5	+ 0·9	290·6	301·9	4th	277·7	270·8	25th	284·2	*284·4*	- 0·6	36	-13
209	Dawson	64 4	139 29	324	977·2	1015·7	..	291·6	300·2	4th	278·4	273·6	26th	285·0	*284·9*	- 0·4	42	+ 6
210	Mayo Landing	63 35	135 51	?579	954·3	1022·5	..	291·9	302·4	4th	276·9	270·8	26th,27th	284·4	*284·6*	- 0·2	24	..
211	Fort Good Hope	66 15	128 38	65·2	1005·8	1013·7	..	292·9	302·4	3rd	278·8	268·6	25th	285·9	..	..	65	+47
212	Fort Simpson	61 52	121 35	129	995·4	1010·8	..	295·1	303·0	4th	280·1	270·8	25th	287·6	*287·1*	+ 0·8	32	- 5
213	Hay River	60 51	115 57	161	990·4	1009·6	..	292·4	301·3	6th	280·1	270·8	25th	286·2	*286·2*	- 0·6	41	- 3
225	Jacobshevn	69 13	51 2	31·6	1005·5	1009·4	- 1·0	282·9	286·9	29th,31st	277·5	272·5	23rd	280·2	*280·6*	+ 1·0	14	-22
226	Godthaab	64 10	51 43	20	..	..	..	284·8	289·6	6th	278·3	274·2	21st	281·5	*280·8*	+ 1·6	116	+37
227	Ivigtut	61 12	48 10	30·0	1006·6	1010·5	+ 0·7	286·5	290·3	15th	278·9	275·3	25th	282·7	*282·6*	+ 0·9	56	-40
229	Angmagsalik	65 36	37 33	29·3	1008·2	1011·8	- 0·4	283·8	287·4	13th	276·4	271·3	29th	280·1	*279·9*	+ 1·0	39	-21
231	Stykkisholm	65 5	22 46	25	..	1009·9	+ 0·1	286·8	291·2	2nd	279·1	275·0	30th	282·9	*282·6*	+ 0·4	36	- 5
232	Vestmanno	63 24	20 17	132	..	1009·0	0·0	286·9	291·2	2nd,15th	280·5	272·3	4th	283·7	*282·9*	+ 0·4	88	+10
233	Grimsey	66 33	18 1	22	..	1009·6	- 1·1	282·4	287·3	18th	..	..	..	..	*279·6*	- 0·4	55	+23
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	1008·6	- 0·9	286·9	293·5	18th	279·4	275·5	31st	283·1	*282·5*	+ 1·1	13	-67
235	Höjvig	62 3	6 45	22·9	1004·7	1007·5	- 2·4	284·8	286·3	16th	280·3	276·5	18th	282·7	*282·7*	- 0·8	76	-16
236	Lerwick	60 8	W. 1 11	18·0	..	1007·1	- 2·7	286·9	289·1	16th	283·0	280·8	2,3,7	284·9	*284·8*	+ 0·4	114	+38
237	Bergen (Met.Obs.)	60 24	E. 5 19	44·4	1004·0	1009·3	- 0·7	288·1	294·3	1st	283·1	279·1	20th	285·6	*285·0*	- 1·6	415	+256
238	Aalesund	62 28	6 10	6·3	1007·6	1008·4	- 2·0	..	294·6	4th	282·9	279·7	20th	..	*285·0*	- 0·8	163	+51
239	Trondhjem	63 26	10 25	59·2	1001·3	1008·4	- 1·0	288·0	294·0	4th	281·2	275·3	28th	284·6	*284·5*	- 1·5	151	+75
240	Bodö	67 17	14 26	17·0	1006·1	1008·1	- 1·8	..	292·8	5th	280·9	277·3	20th	..	*284·0*	- 1·1	92	+15
241	Haparanda	65 50	24 9	9·2	1007·4	1008·5	- 1·7	289·4	294·0	1st	281·7	275·0	22nd	285·5	*285·6*	- 0·2	79	+25
242	Helsingfors	60 10	24 57	11·7	1013·0	1013·4	+ 3·2	291·3	296·0	8th	284·9	280·8	21st	288·1	*287·7*	- 0·6	77	+ 3
242a	Kuopio	62 55	27 40	233	983·8	1011·5	+ 1·3	290·2	296·0	8th	282·4	277·8	28th	286·3	*285·7*	- 1·1	82	+ 9
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1011·2	1012·0	+ 1·0	..	..	..	..	..	..	..	*286·9*	+ 0·4	110	+48
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1003·6	1011·9	+ 1·2	287·8	294·5	10th	280·3	273·6	24th	284·0	*283·7*	- 0·8	134	+72
248	Tcherdyn	60 24	56 31	?208	990·6	1015·4	+ 4·6	291·8	298·7	12th	282·3	273·6	24th	287·0	*286·5*	- 0·4	34	-37
249	Berezov	63 56	65 4	46	1005·6	1011·2	+ 1·6	..	..	..	..	..	..	..	*284·7*	- 1·1	118	+58
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1004·4	1010·1	+ 1·6	..	..	..	..	..	..	..	*285·3*	- 1·5	140	+58
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1002·6	1008·0	- 1·9	..	..	..	..	..	..	..	*284·9*	- 0·4	131	+75
261	Villouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	998·6	1009·2	+ 1·7	..	..	..	..	..	..	..	*289·2*	+ 2·1	8	-41
263	Verkholansk	67 33	133 24	100	991·2	1003·2	- 4·3	..	..	..	..	..	..	..	*283·6*	0·0	36	+12
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiskhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1006·8	1008·9	- 1·7	..	..	..	..	..	..	..	*281·8*	- 1·1	79	+41
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
**Height changed from 40·5m. to 29·2m. from August 24th.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1013·9	+ 5·8	283·5	285·8	30th,31st	280·3	278·6	21st	281·9	..	+ 0·8	157	+69
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1016·8	1017·3	+ 7·6	291·5	299·7	6th	282·0	278·0	7th	286·7	*285·9*	+ 2·9	109	+27
304	Chernofski Harbor	54 27	166 42	?	..	..	..	287·2	291·9	28th	280·9	278·0	7th	284·1	..	..	67	..
305	Dillingham	59 0	158 28	24·4	..	..	..	290·3	294·1	10th	281·1	275·2	24th	285·7	..	+ 0·1	94	- 4
306	Kodiak (Radio)	57 47	152 22	4·6	1010·3	1011·2	+ 0·2	290·3	296·3	13th	282·2	279·7	26th,30th	286·3	*285·5*	+ 1·1	58	-70
309	Sitka	57 3	135 19	19·8	..	..	..	290·9	303·0	2nd	282·1	276·3	31st	286·5	..	+ 0·4	108	-73
310	Prince Rupert	54 18	130 18	51·6	1008·0	1014·2	- 3·0	290·4	301·9	2nd	283·9	280·8	1st	287·2	*287·2*	+ 0·4	178	+44
311	Barkerville	53 2	121 35	1274	..	..	..	291·4	298·0	28th	277·2	273·6	19th	284·3	..	- 0·6	60	-21
312	Kamloops	50 41	120 29	385	970·4	1014·5	- 1·6	301·5	306·3	11th,12th	286·7	279·7	24th	294·1	*294·2*	+ 1·1	9	-20
313	Calgary	51 2	114 2	1058	894·7	1011·9	+ 0·2	299·3	306·9	28th,29th	281·2	274·1	25th	290·3	*289·7*	+ 2·1	17	-47
314	Fort Chipewyan	58 43	111 9	218	983·9	1009·4	..	294·4	299·1	7th,14th	283·4	276·9	25th	288·9	*289·5*	+ 2·7	45	+ 4
315	Prince Albert	53 10	105 38	437	961·9	1012·4	0·0	297·9	305·2	29th	283·0	278·0	3rd	290·4	*289·9*	+ 2·1	39	-16
316	Qu'Appelle	50 30	103 47	651	939·9	1013·9	+ 1·3	299·9	306·9	1st,31st	282·9	275·2	3rd	291·4	*291·1*	+ 2·0	6	-46
317	Minnedosa	50 15	99 50	515	954·5	1013·6	+ 0·9	299·3	308·6	24th	281·8	274·1	14th	290·6	*290·3*	+ 1·7	7	-46
318	Berens River	52 18	97 23	216	..	..	..	295·9	303·0	9th	280·2	270·2	14th	288·1	..	- 1·9	10	-40
318a	Port Nelson	57 0	92 51	14·9	1008·8	1010·6	..	290·2	299·7	7th	279·1	271·3	17th	284·7	*285·2*	- 0·2	51	- 2
319	Pagwa	50 3	85 18	189	..	..	..	298·9	305·8	27th	281·4	274·7	1,14,20	290·2	..	+ 1·6	76	+48
320	Moose Factory	51 14	80 30	9·1	1007·8	1008·9	..	..	..	..	278·1	273·6	15th	..	..	..	29	-54
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	?288·2	?294·1	28th	?281·3	?276·3	28th	?284·7	..	- 2·0	98	+ 1
324	Natashquan	50 8	61 48	6·1	..	..	..	290·6	295·2	16th	281·6	275·6	23rd	286·2	..	- 0·3	164	+70
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 20	††17 25	§ (48)	..	..	..	..	..	285·8	+0·3	..	..	..	286·2	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1013·4	1015·1	+ 0·9	289·9	292·1	23rd	285·6	281·0	25th	287·7	287·8	- 0·3	129	+ 6
335	Aberdeen	57 10	W. 2 6	26·0	1006·9	1010·1	- 1·2	289·6	292·8	28th	283·0	279·2	6th	286·3	286·3	+ 0·1	73	- 2
336	Greenwich	51 28	0 0	46·3	..	1016·0	+ 1·0	296·4	305·6	31st	284·2	280·2	3rd,15th	290·3	289·5	+ 0·3	54	
337	Uccle	50 48	E. 4 22	100	1004·8	1016·6	+ 1·0	296·7	308·0	31st	284·5	279·8	20th	290·6	289·7	+ 0·4	35	-39
338	De Bilt	52 6	5 11	3·0	1016·0	1016·4	+ 1·4	294·4	300·7	28th	284·0	277·9	3rd	289·2	289·2	- 0·5	65	-19
338a	Hamburg	53 33	9 58	40·3	1012·0	1016·8	+ 3·0	295·4	303·1	28th	285·8	282·0	20th	290·6	*290·0*	+ 0·6	24	-37
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1015·0	1015·6	+ 2·7	293·1	295·9	30th	285·1	281·1	27th	289·1	*289·3*	+ 1·3	49	-18
340	Potsdam	52 23	13 4	84·9	1007·2	1017·2	+ 2·5	297·7	305·1	17th	285·9	281·2	3rd	291·8	291·6	+ 1·9	14	-44
340a	Uppsala	59 51	17 38	24	1008·6	1011·7	+ 1·2	292·1	295·4	8th	282·7	276·4	21st	287·4	287·2	- 0·5	66	- 6
341	Warsaw	52 13	21 3	89·9	1007·2	1017·8	+ 2·7	296·9	303·3	16th	286·7	280·7	27th	291·8	*291·6*	..	68	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1005·6	1015·2	+ 3·7	293·5	300·2	18th	284·7	280·6	21st	289·1	288·9	+ 0·7	75	+ 2
343	Leningrad	59 56	30 16	4·8	1013·8	1014·4	+ 3·5	..	..	..	..	..	..	..	*289·6*	+ 1·0	88	+17
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	999·1	1018·4	+ 6·0	..	..	..	..	..	..	..	..	..	..	-47
345	Saratov	51 32	46 2	127	1004·0	1018·8	+ 7·1	303·4	308·7	16th	289·4	281·6	28th	296·4	*291·5*	+ 2·7	26	..
346	Kazan	55 47	49 8	79·9	1009·9	1019·3	+ 7·8	299·1	306·8	21st	286·2	279·7	30th	292·7	*292·3*	+ 1·9	3	-45
347	Orenburg	51 45	55 6	109	1006·3	1019·0	+ 6·6	302·4	308·0	18th	286·0	276·3	31st	294·2	*294·7*	+ 2·0	3	-29
348	Perm	58 1	56 16	163	997·9	1017·3	+ 6·5	294·7	304·2	27th	283·2	276·4	24th	289·0	*288·6*	+ 0·5	61	-14
349	Sverdlovsk	56 50	60 38	281	983·1	1016·3	+ 6·6	..	..	..	..	..	..	..	..	..	..	..
350	Tobolsk	58 12	68 14	108	1001·5	1014·4	+ 4·4	..	..	..	..	..	..	..	*288·1*	+ 0·4	26	-38
351	Akmolinsk	51 12	71 23	347	973·9	1014·2	+ 3·3	297·6	311·7	1st	282·3	274·3	25th	..	*287·2*	- 0·9	69	+ 2
352	Omsk	55 1	73 19	108	1001·0	1013·9	+ 4·5	..	..	..	281·5	270·7	26th	289·6	*289·8*	- 1·2	12	-24
353	Barnaoul	53 20	83 47	158	993·5	1012·7	+ 2·8	295·0	307·1	3rd	282·3	273·2	28th	288·6	*288·4*	- 1·4	34	-11
354	Tomsk	56 30	84 58	123	997·0	1011·6	+ 2·3	291·6	304·1	2nd	282·4	274·1	30th	287·0	*286·4*	- 1·7	141	+75
355	Minousinsk	53 43	91 41	249	983·0	1012·1	+ 2·5	..	..	..	..	..	..	..	*289·2*	- 1·1	66	+ 4
356	Enisseisk	58 27	92 10	81·2	1001·5	1011·2	+ 2·5	..	..	..	..	..	..	..	*286·8*	- 1·8	56	- 9
357	Irkutsk	52 16	104 19	467	951·0	1005·0	- 4·7	..	..	..	..	..	..	..	*287·1*	- 0·7	86	+10
358	Kirensk	57 47	108 7	278	976·0	1010·7	+ 2·3	..	..	..	..	..	..	..	*287·8*	- 0·6	67	+11
359	Tchita	52 2	113 30	685	927·3	1005·0	- 2·1	..	..	..	..	..	..	..	*287·9*	- 0·5	91	+ 7
360	Nertchinskii Zavod	51 19	119 37	621	936·3	1007·0	- 0·2	..	..	..	..	..	..	..	*288·5*	- 0·4	155	+50
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	989·2	1005·6	- 1·2	..	..	..	..	..	..	..	*292·1*	+ 0·1	209	+94
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1003·8	1008·8	+ 0·6	..	..	..	..	..	..	..	..	..	..	-24
366	‡Okhotsk	59 21	143 17	5·5	1008·0	1008·7	- 1·6	..	..	..	..	..	..	..	*288·1*	- 0·8	55	-19
368	‡Petropavlovsk (Phare)	52 53	158 43	87·1	997·8	1008·3	- 1·5	..	..	..	..	..	..	..	*284·7*	- 0·1	74	- 8
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·3	1016·7	+ 0·1	293·1	301·9	10th	284·2	281·9	9th	288·6	*288·1*	+ 0·2	7	- 9
412	Portland, Oregon	45 32	122 41	46·6	1011·7	1016·9	+ 0·6	300·2	308·0	10th	287·1	283·0	24th	293·6	*293·4*	+ 1·5	6	-10
413	Macleod	49 44	113 24	953	..	..	..	302·0	309·7	1st	283·8	274·7	25th	292·9	*293·2*	+ 3·0	10	-31
414	Helena	46 34	112 4	1253	875·2	1013·9	+ 0·3	303·7	310·2	14th	287·1	282·4	20th	295·4	*295·5*	+ 3·1	3	-15
414a	Salt Lake City	40 46	111 54	1329	869·4	1014·2	+ 2·0	304·3	309·7	14th	291·7	289·1	25th	298·0	*298·3*	+ 0·9	10	-11
415	Cheyenne	41 8	104 48	1856	818·4	1015·9	+ 1·8	299·9	305·2	15th	286·6	282·4	14th	293·2	*293·3*	+ 1·3	46	+ 8
416	North Platte	41 8	100 45	860	918·1	1014·9	+ 0·5	305·6	311·3	16th	280·5	293·0	14th	298·0	*297·6*	+ 2·6	157	+97
416a	Bismarck	46 47	100 38	510	955·3	1014·5	+ 0·4	302·9	310·2	23rd	285·9	276·3	14th	294·4	*294·3*	+ 1·6	19	-30
417	Winnipeg	49 53	97 7	232	987·0	1014·0	..	300·7	310·6	24th	285·6	275·8	14th	293·2	*292·4*	+ 2·5	14	-41
418	Duluth	46 47	92 6	345	975·7	1016·6	+ 1·7	297·6	305·2	31st	285·4	278·0	15th	291·5	*290·5*	+ 1·4	24	-58
419	Port Arthur	48 27	89 12	196	992·2	1015·4	+ 0·8	294·7	304·1	25th	283·2	278·0	29th	288·9	*288·7*	+ 0·4	38	-34
420	Chicago	41 47	87 35	205	993·1	1017·6	+ 1·7	298·4	306·9	22nd	290·4	285·2	15th	294·4	*293·6*	- 1·3	89	+12
421	Toronto	43 40	79 24	116	1002·4	1016·1	+ 0·5	297·2	304·1	31st	285·9	282·4	16th	291·6	*291·1*	- 1·0	49	-22
422	New York (Central Park)	40 47	73 58	47·4	1009·9	1015·4	- 1·1	300·8	306·3	12th	290·9	286·9	5th	295·8	295·2	- 0·7	37	-75
423	St. John, N.B.	45 17	66 4	36·3	1009·7	1014·0	..	293·5	298·6	16th	285·4	282·4	30th	289·4	*289·0*	+ 0·5	85	-13
424	S.W.Point, Anticosti	49 24	63 33	9·1	1009·5	1010·6	..	288·1	291·9	9th	283·3	280·8	8,20,22	285·7	*285·8*	- 0·8	75	-13
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·5	1015·4	..	292·9	296·3	13th	288·8	286·9	23rd	290·9	*290·6*	+ 0·8	52	-33
425	Port aux Basques	47 35	59 10	9·1	1011·7	1012·8	- 2·0	291·1	293·0	9,15,20	284·9	281·3	1,23,24	288·0	*287·8*	+ 0·7	61	-56
426	St.John's, Newfoundland	47 34	52 42	74·1	1005·1	1013·9	- 0·6	294·0	299·1	1st	285·9	281·9	15,24,25	289·9	*289·7*	+ 1·5	100	+ 6
435	Madrid	40 24	3 41	667	941·0	1015·6	+ 0·9	302·6	308·3	24th	290·0	282·2	9th	296·3	*295·3*	- 0·3	2	- 5
436	Nantes	47 15	W. 1 34	36·5	1013·6	1017·9	+ 0·7	296·9	304·0	27th	284·7	280·4	19th	290·8	290·7	+ 0·2	4	-43
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1012·2	1018·2	+ 1·6	297·3	307·6	31st	286·0	282·0	19th	291·6	291·5	+ 0·8	23	-27
438	Marseille	43 18	5 23	75	..	1014·9	- 0·5	301·2	304·9	12th	289·1	286·5	4th	295·1	*294·5*	+ 0·1	21	0
438a	Zürich	47 23	8 33	493	961·1	1017·9	+ 0·7	296·9	303·2	16th	286·1	281·1	22nd	291·5	290·5	+ 0·1	88	-41
439	Rome	41 54	12 29	45·5	1008·5	1013·9	- 1·1	303·4	308·6	9th	292·9	290·3	23rd	298·1	*298·1*	+ 1·0	37	+11
440	Vienna	48 15	16 22	203	993·1	1016·8	+ 1·4	296·9	302·6	30th	288·1	284·7	23rd	292·5	292·3	- 0·2	30	-39
440a	Budapest	47 31	19 1	130	1000·1	1015·2	+ 0·1	303·0	307·6	12th	290·7	287·5	22nd	296·9	295·9	+ 2·2	128	+79
441	Sofia	42 42	23 20	550	951·7	1013·5	- 1·2	301·5	307·0	3rd	289·8	285·7	31st	295·5	*295·3*	+ 2·0	155	+101
442	Bucharest	44 25	26 6	82	1004·5	1013·9	0·0	305·6	309·5	21st	292·1	287·1	30th	298·9	298·4	+ 3·2	6	-45
443	Odessa (Observatory)	46 28	30 46	42·8	1008·3	1013·7	- 0·6	303·7	308·2	4th,22nd	294·2	289·9	2nd	298·9	*298·6*	+ 3·9	1	-31
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1006·6	1010·8	- 1·4	..	..	..	..	..	..	..	..	..	..	-19
445	Tiflis	41 43	44 48	404	1966·8	1011·6	+ 0·1	306·9	309·3	4th	292·1	288·7	27th	299·5	299·9	+ 3·0	6	-32
446	Astrakhan	46 21	48 2	-20	1018·0	1015·5	+ 2·5	304·4	308·0	14th	293·5	288·9	31st	299·0	*298·5*	+ 2·3	0	-12
447	Fort Alexandrovsk	44 31	50 7	-23·0	1015·9	1013·3	+ 1·9	..	..	..	..	..	..	..	*299·6*	+ 2·1	1	-11
448	Krasnovodsk	40 0	52 59	-4·6	1012·2	1011·7	+ 1·6	..	..	..	..	..	..	..	*302·3*	+ 1·0	0	- 5
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*296·7*	+ 0·3	0	- 8
450	Tashkent	41 20	69 18	479	952·4	1005·3	- 1·1	306·0	311·9	1st	289·4	281·4	12th	297·7	297·5	- 0·1	0	- 1
451	Narynskoe	41 26	76 13	2015	793·9	..	- 0·6	295·3	301·2	2nd	281·3	275·6	13th	288·6	*288·7*	- 1·3	14	- 4
451a	Andijan	40 47	72 23	503	949·4	1004·9	..	306·4	310·4	1st	293·0	289·2	14th	299·7	*298·9*	..	0	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*293·9*	..	22	- 5
461	Moukden	41 48	123 23	43·8	1000·8	1005·8	* 0·9	302·4	306·6	11th	292·2	286·3	31st	297·3	296·8	+ 0·2	165	+14
462	Joshin	40 40	129 12	31·9	1003·2	1006·9	- 1·4	300·7	304·4	1st	292·8	288·1	27th	296·7	296·2	+ 1·1	95	-50
463	Yuki	42 20	130 24	63·8	999·6	1007·0	- 1·2	299·2	306·3	10th	292·2	287·1	30th	295·7	295·5	+ 1·1	95	-85
464	Vladivostok	43 7	131 54	128	991·6	1006·4	- 3·1	..	..	..	..	..	..	..	*296·6*	+ 0·8	182	+72
465	Ochiai	47 20	142 47	27·4	1005·2	1008·5	- 1·4	292·6	303·8	1st	284·8	277·9	25th	288·8	288·9	- 1·2	186	+88
466	Nemuro	43 20	145 35	26·7	1005·7	1008·9	- 2·6	294·1	304·5	7th	286·7	283·3	24th	290·4	289·6	- 0·4	151	+41
466a	Syana	45 13	147 53	39·3	1004·4	1009·1	- 2·4	290·9	298·1	2nd	284·4	277·1	14th	287·7	287·6	- 1·2	193	+94
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 46·0m. to 38·1m. from August 28th.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

BETWEEN LATITUDE 40° N. AND 30° N.

AUGUST – ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1008·8	1014·5	+ 0·4	292·5	298·0	19th	285·3	284·1	7th	289·2	*289·3*	+ 1·9	0	- 1
512	Sacramento	38 35	121 30	21·0	1009·6	1011·8	+ 0·5	306·6	314·1	13th	287·3	283·0	26th	296·9	*297·1*	+ 1·2	0	0
513	San Diego	32 43	117 10	26·5	1009·2	1012·5	- 0·2	298·2	301·3	31st	292·3	289·7	11th	295·2	*294·7*	+ 2·0	0	- 2
514	Modena	37 48	113 54	1668	836·9	1013·9	+ 1·4	302·6	306·9	13th	286·4	284·1	8th	294·5	*294·1*	+ 0·9	52	+14
515	Santa Fé	35 41	105 57	2138	793·4	1015·2	+ 2·1	298·5	300·3	17th	286·2	284·7	6th	292·3	*291·4*	- 0·1	98	+37
516	Denver	39 45	105 0	1613	842·0	1016·6	+ 1·9	302·0	306·9	15th	289·6	285·3	6th	295·8	*295·3*	+ 1·2	69	+33
517	Abilene	32 23	99 40	530	954·5	1013·9	+ 0·6	310·1	312·4	5th	296·3	292·4	15th	303·2	*302·8*	+ 2·6	1	-61
518	Saint Louis	38 38	90 12	173	996·4	1016·6	+ 1·0	302·7	310·2	2nd	292·6	286·9	15th	297·7	*297·4*	- 0·5	86	- 2
519	Mobile	30 41	88 2	17·4	1013·9	1015·9	+ 0·2	305·4	306·9	20th	296·1	290·9	16th	300·7	*299·7*	+ 1·1	175	- 4
520	Nashville	36 10	86 47	166	997·7	1017·3	+ 0·3	303·7	308·0	2nd	292·4	287·4	15th	298·1	*297·9*	- 0·2	13	-77
521	Charleston	32 47	79 56	14·6	1014·2	1015·9	- 0·7	303·7	308·6	4th	296·4	293·0	30th	300·1	*299·8*	+ 0·4	133	-35
522	Washington	38 54	77 3	34·1	1011·8	1015·9	- 0·5	301·8	308·0	13th	291·3	285·2	21st	296·6	*296·1*	+ 0·1	33	-72
524	Bermuda	32 17	64 46	**	1015·3	1020·6	..	302·2	304·1	8th	295·8	293·6	3rd	299·0	*298·7*	- 1·2	345	+207
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 46·0m. to 38·1m. from August 28th.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

AUGUST – ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1019·4	1024·0	+ 0·9	298·7	302·1	25th	293·0	291·5	4th,27th	295·8	295·5	+ 0·5	55	-38
531	Horta	38 32	28 38	65	1016·1	1023·9	+ 1·1	299·1	302·2	14th	292·4	290·5	9th,27th	295·7	295·0	- 0·3	40	-37
532	Ponta Delgada	37 44	25 40	22	1020·5	1023·1	+ 0·8	297·1	299·2	2nd	292·6	290·4	31st	294·9	294·6	- 0·3	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	41	-20
533	Madeira (Funchal)	32 38	16 55	25	1017·5	1020·4	+ 1·1	296·7	299·0	23rd	293·1	291·8	10th	294·9	*295·0*	- 0·3	0	- 3
535	Lisbon	38 43	9 9	95	1005·6	1016·6	- 0·3	301·0	309·4	23rd	291·1	288·1	8th	296·0	295·4	+ 0·7	1	- 5
535a	Melilla	35 17	2 59	40	1012·2	1016·8	..	301·2	305·8	1st	295·0	291·7	28th	298·1	*298·3*	- 1·9	0	- 2
536	Gibraltar	36 6	5 21	27·4	..	1015·7	- 1·0	301·8	305·9	19th	293·3	290·8	20th	297·5	*296·6*	+ 0·1	1	- 2
536a	Colomb-Béchar	31 37	W. 2 13	769	927·2	1009·4	..	311·6	314·6	3rd	291·4	285·0	28th	301·5	*302·7*	- 2·8	0	
537	Palma	39 34	E. 2 39	23	1013·6	1016·3	- 1·6	302·4	306·4	7th	290·3	286·2	9th	296·4	*296·4*	- 2·1	92	+75
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	..	0
539	Tunis	36 48	10 10	75	1007·1	1015·7	..	303·8	313·5	1st	292·2	289·0	30th	..	..	..	0	- 5
540	Malta	35 54	14 31	71·2	..	1013·9	- 0·4	301·0	304·1	1st	293·2	290·4	28th	298·5	*298·4*	- 0·6	0	- 2
541	Athens	37 58	23 43	107	998·4	1010·5	- 1·4	306·7	311·2	19th	295·2	293·0	30th,31st	298·1	*297·4*	- 1·1	1	0
542	Alexandria	31 12	29 53	32·0	1006·0	1009·8	- 0·5	303·6	304·7	20th	297·3	294·1	31st	300·6	*299·9*	+ 0·7	10	0
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1006·6	+ 0·4	309·4	313·6	17th	293·3	291·9	5,6,29	301·3	..	+ 0·1	5	+ 5
544	Beirut	33 54	35 28	33·7	..	1007·2	- 1·0	305·1	306·9	18th	297·4	295·3	5th	301·3	*301·1*	+ 0·9	0	0
545	Hinaidi	33 17	44 29	32·3	997·7	1000·4	+ 0·1	318·2	320·3	18th	298·8	295·2	29th	308·5	*309·0*	+ 1·1	0	0
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	‡Tehran	35 41	51 25	1220	867·8	994·9	..	305·9	309·4	7th	292·3	287·6	31st	299·1	*298·8*	- 2·8	0	- 1
548	Meshed	36 17	59 38	946	..	..	..	305·0	309·2	1st	284·9	278·3	29th	294·9	..	- 1·2	0	- 1
549	Seistan	31 0	61 30	?610	?948·0	..	..	?309·1	315·1	3rd	296·8	292·4	29th	?302·9	..	- 1·5	0	0
550	Quetta	30 12	67 0	1647	829·7	..	- 0·5	306·2	308·7	2nd,3rd	289·6	282·2	29th	297·9	*297·6*	+ 0·1	0	-12
551	Peshawar	34 2	71 37	355	961·1	1000·2	- 0·2	308·1	313·6	14th	298·3	293·3	28th	303·2	*302·7*	- 1·2	104	+41
551a	Lahore	31 34	74 20	214	976·3	999·9	- 0·1	308·2	312·7	18th	299·4	296·9	3rd	303·8	*303·3*	- 0·3	340	+208
552	Simla	31 7	77 8	2202	778·1	..	+ 0·2	292·1	296·3	8th	287·9	286·3	29th	289·9	*289·6*	- 0·7	466	+22
552a	Leh	34 10	77 42	3503	664·9	..	- 0·1	296·8	299·1	15th	283·3	280·3	30th	290·1	*288·7*	- 0·2	12	- 2
559	Hankow	30 35	114 17	37·0	1000·9	1005·1	- 0·4	306·7	311·0	25th	298·2	294·3	31st	302·5	*301·9*	+ 0·3	237	+133
560	Tientsin	39 9	117 9	6·4	1006·1	1006·7	- 0·2	303·8	308·6	2nd	294·9	289·4	31st	299·3	*299·2*	+ 0·4	364	+202
561	Shanghai (Zi-ka-Wei)	31 12	121 28	7	1004·5	1005·3	- 0·6	306·0	309·7	25th	297·4	294·7	14th	301·7	300·7	+ 0·8	153	+ 9
562	Jinsen (Chemulpho)	37 29	126 38	70·4	999·5	1007·5	+ 0·2	302·8	307·3	12th	295·5	291·0	24th	299·1	298·8	+ 1·2	249	+22
562a	Nagasaki	32 44	129 52	133	994·3	1009·3	+ 1·0	304·5	307·9	11th	297·0	293·1	29th	300·7	300·1	+ 0·5	118	-66
563	Kyoto	35 1	135 44	42·9	1004·5	1009·4	+ 0·5	306·0	309·7	8th	295·3	288·7	30th	300·7	300·1	+ 1·0	130	-15
564	Tokyo	35 41	139 46	5·8	1008·7	1009·3	- 0·7	304·4	309·2	8th	296·2	291·4	30th	300·3	300·1	+ 1·7	64	-82
565	Hukusima	37 45	140 28	68·5	1001·3	1009·1	- 0·6	305·3	310·5	8th	293·9	286·6	30th	299·6	298·9	+ 1·6	77	-77
566	Miyako	39 38	141 59	30·4	1004·5	1008·0	- 2·4	303·2	310·2	2nd	292·1	287·1	30th	297·7	296·7	+ 1·7	32	-146
		N.	E.															

AUGUST – ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1018·0	1018·6	..	302·8	304·1	5th	294·4	292·4	16th	298·6	*298·1*	- 0·2	68	-83
605	Honolulu	21 19	157 52	11·6	1014·2	1015·6	- 0·8	301·8	304·1	28th	296·4	294·7	30th	299·1	*298·9*	+ 0·3	50	+16
613	Guaymas	27 55	110 53	8·3	1010·4	1011·3	..	307·0	312·5	30th	299·2	293·5	10th	303·1	*302·4*	- 1·0	164	..
615	Leon	21 7	101 41	1809	822·3	1011·1	0·0	299·6	301·7	6th	286·7	284·5	16th	293·1	*291·8*	- 1·7	104	-29
616	Monterry	25 40	100 18	528	954·0	1012·2	+ 1·7	306·2	309·6	14th	295·4	293·2	29th	300·8	*300·5*	+ 0·2	60	+11
617	Tulancingo	20 5	98 22	2181	790·8	..	- 0·7	295·4	299·4	6th	282·5	279·4	11th	288·9	*289·0*	- 1·3	72	+22
618	Galveston	29 18	94 50	16·5	1014·1	1016·2	+ 0·9	304·3	307·4	14th	299·2	296·3	24th	301·8	*301·2*	+ 0·6	24	-68
618a	New Orleans	29 57	90 4	16·2	1014·1	1015·3	+ 0·7	305·7	307·4	4th	297·5	294·1	25th	301·6	*300·9*	+ 0·6	170	+25
619	Mérida, Yucatan	20 58	89 38	22	1011·7	1014·2	- 0·3	304·4	305·6	23rd	296·2	294·4	5th	300·3	*299·7*	- 0·1	211	+68
620	Havana	23 7	82 25	77·0	1005·5	1014·3	- 1·2	304·1	306·2	14th	296·2	294·3	18th	300·1	299·5	..	153	..
620a	Key West	24 33	81 48	6·7	1014·5	1015·2	- 0·4	304·0	306·3	14th	298·2	294·7	17th	301·1	*301·3*	- 0·6	155	+42
621	Nassau, Bahamas	25 5	77 20	9·6	..	1015·6	- 0·3	305·1	306·3	11th,15th	297·3	294·7	28th	301·2	*301·3*	- 0·1	156	-11
622	Watling Island(San Salvador)	24 6	74 26	33·5	1013·8	1017·4	0·0	..	304·1	18th	..	299·1	31st	..	*301·9*	- 0·3	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	302·5	307·8	18th	292·7	286·0	4th	297·6	*295·3*	..	2	..
634a	Izaña	28 19	16 30	2367	774·3	..	+ 1·5	294·3	296·4	13th	286·0	281·0	22nd	290·2	*289·4*	- 0·5	0	0
634	La Laguna	28 28	16 20	547	955·1	1017·3	+ 1·6	298·0	303·6	20th	288·5	285·2	30th	293·3	*292·6*	- 1·3	1	- 1
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Ghardaib	29 45	24 31	49	..	..	..	312·4	317·3	11th	297·2	291·0	19th	304·8	..	..	..	..
642	Siwa	29 12	25 29	-23	1012·4	1009·3	- 1·4	310·8	312·8	2,3,27	293·7	292·1	4th,10th	302·2	*302·0*	+ 0·2	0	0
643	Cairo (Helwan)	29 52	31 20	116	995·4	1008·3	- 0·5	307·9	310·5	18th	294·9	292·2	2nd	301·4	*301·2*	+ 0·4	0	..
643a	Aswan	24 2	32 53	100	996·6	1006·9	+ 0·5	314·8	318·0	2nd	299·3	297·5	23rd	307·0	*306·5*	+ 0·9	..	0
644	Tor	28 14	33 37	1-9	1005·6	1005·9	+ 0·4	308·2	312·2	3rd	298·2	294·6	10th	303·2	*302·6*	+ 1·0	0	..
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

AUGUST – ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	999·1	999·5	..	308·8	311·3	18th	301·5	299·1	26th	305·2	*304·6*	- 0·1	0	0
648	Jask	25 45	57 45	4·0	999·5	999·9	..	308·5	311·4	27th	301·9	299·3	31st	305·2	*304·6*	+ 0·4	0	0
649	Karachi	24 53	66 57	4·0	1001·5	1002·0	+ 0·1	302·5	304·4	11th	298·4	294·2	20th	300·4	*299·8*	- 0·3	5	-37
650	Jacobabad	28 17	68 29	56·7	993·2	999·4	+ 0·4	309·6	314·1	8th	300·1	297·1	23rd	304·9	*304·3*	- 2·1	41	+16
651	Jaipur	26 56	75 52	436	954·6	1002·6	+ 0·6	304·7	308·6	16th	297·3	294·2	27th	301·0	*300·1*	- 0·8	199	- 3
652	Nagpur	21 8	79 5	310	969·4	1003·9	+ 0·5	303·8	306·6	12th	295·7	293·6	25th	299·7	*298·9*	- 0·4	180	-116
653	Allahabad	25 25	81 51	94·2	990·9	1001·5	+ 0·5	303·9	307·6	22nd	298·3	296·6	27th	301·1	*300·5*	- 1·0	355	+57
653a	Darjeeling	27 3	88 15	2265	773·8	..	+ 0·2	293·0	295·9	22nd	287·6	284·7	19th	290·3	*290·0*	+ 0·9	433	-231
654	Calcutta	22 32	88 20	6·4	1000·8	1001·5	- 0·3	304·6	306·3	7th	299·0	298·0	1,9,25	301·8	*301·7*	+ 0·7	287	-36
655	Gauhati	26 8	91 41	59·7	997·5	1004·1	+ 0·2	305·7	308·4	24th	298·3	296·7	23rd	302·0	*301·2*	+ 0·2	350	+86
655a	Cherrapunji	25 15	91 42	1313	864·0	..	- 0·5	295·3	298·5	24th	291·5	289·7	30th	293·4	*292·9*	+ 0·1	1307	-721
655b	Akyab	20 11	92 56	6·1	1004·1	1004·8	- 0·2	301·3	302·7	21st	297·4	295·8	6th	299·3	*299·4*	- 0·8	1148	0
656	Mandalay	21 59	96 0	76·2	997·3	1005·8	+ 0·2	305·9	308·3	13th	298·4	296·7	23rd	302·2	*301·8*	- 0·6	74	-42
656a	Tengyueh	25 2	98 33	1626	833·4	1003·1	..	297·1	301·3	20th	290·2	288·6	28th	293·7	*293·0*	+ 0·3	191	-87
657	‡Phu Lien	20 48	106 38	116	..	1003·2	+ 0·1	304·8	307·7	31st	298·0	295·2	26th	301·4	300·7	- 0·1	195	-135
658	‡Moncay	21 31	107 51	9·0	..	1003·2	- 0·2	305·5	308·3	31st	298·3	296·4	22nd	301·9	*301·3*	+ 0·5	317	-280
659	Hongkong	22 18	114 10	33·2	..	1004·3	- 0·5	302·9	305·5	13th	298·3	296·8	22nd	300·6	300·3	- 0·3	508	+142
660	Amoy	24 26	118 4	4·9	1004·7	1005·2	+ 0·5	304·4	307·4	28,29,30	300·0	299·1	16th,18th	302·2	*301·8*	+ 0·1	125	-43
661	Taihoku, Formosa	25 2	121 31	9·3	1003·9	1004·9	0·0	305·5	308·2	21st	297·1	295·7	1st	301·3	300·6	- 0·3	425	+119
661a	Basco	20 28	121 59	18·7	..	1004·8	+ 0·1	302·9	304·6	29th,31st	298·1	295·9	24th	300·5	300·2	- 0·6	562	+165
662	Naha	26 12	127 39	29·5	1004·4	1007·7	+ 1·5	303·1	304·1	27th	298·2	295·7	2nd	300·7	300·6	- 0·2	139	-133
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1011·2	1011·7	+ 3·2	304·5	305·8	20th	297·9	295·5	9th	301·2	300·8	+ 0·7	56	-116
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

AUGUST – ZONE 7.

715	Colima	N. 19 12	W. 103 45	498	957·2	1012·7	+ 0·6	304·5	307·0	22nd	293·7	291·7	13th	299·1	*298·0*	- 0·5	159	-15
716	Morelia	19 42	101 7	1923	810·6	1010·8	- 0·4	294·7	297·3	7th	286·6	284·5	13th	290·7	*290·3*	- 0·2	179	+34
717	Mexico, Tacubeya	19 24	99 12	2309	775·6	..	- 0·6	295·1	297·5	24th	283·3	280·0	28th	289·2	287·7	- 1·3	139	+13
718	Salina Cruz	16 12	95 12	56	1004·5	1010·9	- 1·1	304·1	306·0	23rd	295·9	293·7	26th	300·0	*300·5*	- 0·5	112	-31
719	San Salvador	13 42	89 13	682	936·0	1011·3	- 1·1	306·2	308·0	6th,30th	291·1	289·0	14th	298·7	*296·7*	+ 0·1	258	-49
720	Belize	17 31	88 11	5·2	1011·8	1012·5	- 0·9	..	..	..	297·3	295·2	11th	..	♯*299·0*	- 0·4	91	-70
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·6	- 0·3	304·4	306·3	20th	295·6	294·1	1st	300·0	*299·5*	+ 0·1	168	+ 3
722	Port au Prince	18 33	72 20	37·4	1009·8	1014·1	- 0·4	305·6	308·0	21st,24th	290·7	286·9	15th	298·2	*297·6*	+ 0·4	64	-44
723	‡Caracas	10 30	66, 56	1043	900·2	1014·1	..	300·8	303·0	21st,24th	290·7	286·9	15th	295·8	*293·6*	+ 0·4	64	-44
724	San Juan, Porto Rico	18 29	66 7	25·0	1012·3	1015·2	- 0·6	302·1	304·1	12th	296·9	295·2	20th	299·5	*299·3*	- 0·4	191	+ 3
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·2	1012·8	0·0	303·7	305·2	27th	296·2	294·7	19th	299·9	*299·3*	+ 0·4	209	-28
725	Barbados	13 8	59 36	57·9	..	1013·6	- 0·2	303·2	304·2	8th,10th	296·8	295·0	11th,28th	300·0	*299·8*	+ 0·2	147	-36
731	São Vicente, C. Verde Is.	16 54	25 4	11	1011·1	1012·3	- 0·2	302·1	303·5	18th	297·5	296·5	1,8,11	299·8	*299·4*	+ 0·8	57	+18
732	San Tiago, C. Verde Is.	14 54	23 31	34	‡1008·6	‡1012·5	..	301·9	303·4	29th	297·4	296·4	8th	299·6	..	+ 0·1	0	-93
733	‡Dakar	14 40	17 26	32	..	1012·1	..	303·5	308·5	3rd	297·2	294·3	28th	300·3	*299·2*	- 0·2	400	+155
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·4	305·6	28th	295·9	291·9	29th	298·7	*299·0*	- 0·5	641	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	313·1	317·0	2nd	294·6	288·0	18th	303·9	*303·0*	..	106	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	304·8	308·0	4th,31st	295·0	292·4	20th	299·9	*299·2*	+ 0·4	203	-18
738	Kaduna Capitel	10 32	7 25	?637	..	..	..	309·0	313·0	30th	..	..	..	..	..	..	♯295·3	0
739	Hadeija	12 40	10 5	?	..	..	..	309·0	312·4	9,14,18	290·4	285·2	9,10,14	299·7	*299·0*	+ 0·4	239	+23
740	Maiduguri	11 47	13 11	361	..	..	..	304·4	312·4	8th	294·9	292·4	10th,26th	299·7	*299·1*	- 0·1	217	+ 8
741	‡El Fasher	13 32	25 18	730	927·1	1007·5	..	306·1	309·0	sev.dates	291·0	288·5	28th	298·6	*297·4*	- 1·0	154	+15
743	El Obeid	13 11	30 14	563	947·0	1009·6	+ 1·1	305·3	309·3	20th	293·4	290·7	24th	299·4	298·6	- 0·4	133	+21
743a	Khartoum	15 37	32 33	390	965·6	1008·6	+ 0·7	308·9	312·7	20th	297·3	292·2	12th	303·1	*303·1*	- 0·8	70	- 2
744	Port Sudan	19 37	37 13	5·5	1005·6	1006·3	+ 1·1	314·0	316·2	8th,11th	302·8	300·3	25th	308·4	*307·5*	+ 0·8	0	- 2
745	‡Berbera, Somaliland	10 22	45 2	13·8	1002·6	1004·3	- 0·6	313·7	315·8	15th,16th	303·9	300·8	26th	308·8	*308·5*	0·0	0	- 2
746	Aden	12 45	45 3	29·9	1001·9	1005·3	+ 0·3	306·3	312·8	24th	299·7	297·9	1st	303·0	*303·2*	- 0·3	0	- 3
761	Bombay	18 54	72 49	11·3	1005·7	1007·1	+ 0·2	302·9	303·6	3rd,30th	297·7	296·4	22nd	300·3	300·2	+ 0·2	154	-197
762	Kodaikanal	10 14	77 28	2343	770·1	..	+ 0·6	290·4	292·4	2nd	284·2	283·2	22nd	287·3	*286·5*	+ 0·1	161	-17
762a	Bangalore	12 59	77 38	921	908·7	1008·8	+ 0·7	302·9	305·3	17th	295·2	292·2	26th	299·1	*296·5*	+ 1·4	43	-93
763	Madras	13 4	80 14	6·7	1005·9	1006·8	- 0·3	307·6	310·4	1st	298·3	296·4	1st	302·9	*302·4*	+ 0·2	113	- 4
764	Vizagapatem	17 42	83 19	11·6	1001·7	1003·0	- 0·4	305·0	308·7	10th	299·5	295·7	29th	302·3	*301·7*	0·0	209	+72
765	Port Blair	11 40	92 40	18·0	1006·2	1008·2	- 0·1	302·3	304·1	1st	297·8	295·5	27,29,30	300·1	*299·5*	- 0·2	645	+272
766	Rangoon	16 46	95 48	5·5	1006·9	1007·5	0·0	301·8	304·5	1st	297·1	295·7	29th	299·5	*298·6*	- 0·4	528	+23
767	Cap St. Jacques	10 20	107 5	180	..	1009·1	..	301·5	303·1	3rd	296·0	294·4	21st	298·8	*298·4*	- 0·7	191	+38
768	Nhatrang	12 15	109 12	3·6	..	1005·4	..	305·4	310·0	18th	297·2	295·6	2nd	301·3	*300·8*	- 0·5	99	+51
769	‡Bolinao	16 23	119 53	2	..	1006·0	+ 0·5	302·5	305·0	22nd,27th	296·9	295·8	3rd,21st	299·7	*299·0*	- 0·7	597	-14
781	Vigan	17 34	120 23	12·2	..	1005·7	- 0·2	302·6	306·0	31st	297·0	295·3	19th	299·8	299·2	- 0·6	830	+109
781a	Manila	14 35	120 59	14·2	..	1007·1	0·0	302·9	304·6	28th	296·6	295·3	2nd	299·7	299·3	- 0·7	402	-12
782	Ormoc	11 0	124 36	5·6	..	1007·5	+ 0·3	304·0	305·7	19th	295·6	293·9	17th	299·9	*299·8*	- 0·3	224	-20
785	‡Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·7	+ 0·6	304·0	305·0	16,21,27	297·3	295·6	12th	300·7	*300·5*	+ 0·2	224	-162
786	Saipan	15 14	145 46	207	986·2	1006·3	..	301·5	302·9	21st	297·0	294·8	7th	299·3	299·2	..	247	..
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·5	1011·1	0·0	304·2	306·9	7th	298·3	295·2	28th	301·3	*300·9*	+ 0·2	149	+33
821	Cristobal	9 23	79 54	11·0	..	1010·3	- 0·5	303·3	304·7	28th	297·2	295·2	12th	300·2	299·6	+ 0·6	604	+229
822	Bogota	4 36	74 5	2645	746·0	..	- 0·4	291·5	295·0	31st	282·3	280·6	30th	286·9	*286·6*	- 0·1	21	-36
822a	Merida, Venezuela	8 36	71 9	1641	‡ 841·2	..	..	297·6	300·5	21st	..	..	..	..	..	..	74	-76
823	Ciudad Bolivar	8 9	63 33	38	1007·1	1011·4	..	305·0	306·6	19th,30th	297·0	295·3	6th	301·0	*300·5*	+ 0·5	111	-66
824	El Peru, Guayanavieja	7 19	61 49	220	986·2	1011·0	- 0·1	305·6	307·9	27th	294·6	293·5	29th	300·1	*299·4*	+ 1·5	97	-97
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·3	- 0·5	303·0	304·1	31st	297·1	295·2	16th	300·1	*299·9*	+ 0·1	144	-30
826	Paramaribo	5 49	55 9	3·7	1012·3	1012·7	- 0·7	305·6	307·6	22nd,23rd	295·8	295·0	26th,30th	300·7	*300·0*	+ 0·4	114	-37
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	20	-50
831	10°-5°N. 30°-25°W.	††7 5	††27 6	§(73-104)	..	1014·2	+ 0·6	..	..	Sea Temp.	299·4 | 0·0	..	..	..	299·1	+ 0·1	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1008·5	1014·4	+ 1·7	299·9	301·9	5,10,20	295·3	293·6	12th	297·6	*297·1*	- 0·9	737	-192
835	Assuantsi	5 18	1 15	97·3	1001·9	1013·1	..	299·9	310·2	6th	293·1	290·8	1st,11th	296·5	*295·9*	- 0·3	57	- 5
836	Accra	5 33	W. 0 12	17·7	1011·9	1013·9	0·0	298·7	300·2	5th	294·2	293·0	24th	296·4	*296·0*	- 0·9	29	+13
837	Lagos	6 27	E. 3 24	3·0	1012·5	1012·8	- 0·2	301·2	303·6	21st	295·9	294·4	30th	298·6	*297·8*	+ 0·1	21	-46
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	300·5	304·1	..	294·2	291·3	..	297·3	*296·9*	..	1188	+430
839	∮Yola	9 12	12 30	259	..	..	..	303·2	304·9	19th,31st	294·8	293·0	22nd	299·0	*298·5*	+ 0·1	208	+ 9
841	Wau	7 42	28 3	440	961·6	1010·6	+ 0·1	305·0	307·0	8th,28th	292·2	290·5	14th,17th	298·6	*297·4*	- 0·3	132	-83
843	Malakal (Kodok)	9 35	31 37	394	966·8	1011·0	0·0	304·3	307·0	14th	294·6	292·0	28th	299·4	*298·2*	+ 0·5	290	+83
843a	Mongalla	5 11	31 47	448	960·3	1011·1	- 0·1	306·1	309·4	7th	292·3	291·3	18th	299·4	*298·0*	+ 0·5	84	-53
844	Entebbe	0 5	32 29	1171	885·1	1011·5	+ 0·3	298·8	300·8	17th,19th	289·5	287·4	16th	294·2	*293·9*	+ 0·7	33	-41
845	Sheikh	9 55	45 15	1463	..	..	..	301·2	303·0	23rd	289·9	288·6	sev.dates	295·6	..	..	24	-41
851	Minicoy	8 17	72 49	2·7	1011·2	1011·5	+ 0·5	303·2	304·4	31st	298·5	296·3	13th	300·9	*300·3*	..	35	-147
851a	Cochin	9 58	76 21	2·7	1010·9	1011·3	+ 0·5	301·0	305·2	15th	296·7	295·3	25th	298·9	*298·3*	- 0·3	228	-100
852	Colombo Observatory	6 54	79 52	7·3	..	1010·1	+ 1·0	302·6	303·5	30th	297·8	295·3	27th	300·2	*299·6*	+ 0·2	8	-74
853	Nuwara Eliya	6 58	80 46	1881	813·7	1011·7	+ 1·0	292·2	295·3	1st	284·6	280·9	27th	288·4	*287·7*	- 0·2	78	-124
854	Trincomalee	8 35	81 15	30·2	..	1006·4	+ 0·3	305·6	307·4	4th	297·5	295·3	2nd	301·5	*300·9*	- 0·7	182	+75
855	Kuta Raja	5 32	95 20	7·1	..	1008·7	- 0·8	..	..	..	..	..	..	..	..	..	86	-83
856	Medan	3 35	98 41	25	..	1009·4	+ 0·1	305·6	307·8	27th	295·1	293·7	27th	300·3	299·6	+ 0·9	60	-118
857	Penang	5 34	100 20	5·0	..	..	..	..	..	..	..	..	..	..	..	..	182	-141
858	Singapore	1 18	103 51	10·9	..	..	..	304·5	306·3	1st	296·9	293·6	30th	300·7	*300·2*	+ 0·3	235	+33
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	999·3	1009·7	0·0	304·3	306·3	sev.dates	296·9	293·0	30th	300·6	300·0	..	173	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·9	306·3	6th	297·1	296·3	sev.dates	301·0	*301·1*	+ 0·3	72	-128
860	∮Iwahig	9 44	118 38	14·3	..	1007·5	+ 0·2	304·0	306·4	12th	295·3	293·1	3rd	299·7	*299·2*	- 0·1	201	+40
861	Tagbilaran	9 38	123 51	21·3	..	1007·8	- 0·1	305·2	307·7	17th	297·2	295·2	30th	301·2	300·3	- 0·2	113	-11
861a	Menado	1 30	124 50	8·5	..	1008·2	- 0·8	304·0	305·7	29th	295·6	293·5	21st	299·8	299·5	- 0·2	142	+45
862	Surigao	9 48	125 29	6	..	1007·9	+ 0·2	303·9	307·0	10th	297·5	295·1	13th	300·7	300·3	- 0·4	260	+149
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·4	+ 1·7	304·2	305·9	4th	297·1	295·6	2nd	300·7	299·5	- 0·3	415	+ 1
864	Palau	7 20	134 29	31·8	1005·9	1009·5	..	302·7	304·0	18th	297·0	295·4	2nd	299·9	299·6	..	349	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·0	1009·4	..	302·4	304·3	21st,24th	295·4	294·6	17,18,24	298·9	298·6	..	445	..

AUGUST - ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	S. 8 32	W. 172 31	1·8	..	1010·6	..	302·1	303·4	9th	300·1	298·2	25th	301·1	..	..	203	..
920	Lambayeque	6 46	80 55	15	1011·8	1013·6	..	299·3	301·5	6th	286·9	285·0	25th	293·1	291·9	..	0	..
921	Quito	0 14	78 30	2816	727·9	..	- 0·1	296·0	298·5	30th	279·4	276·6	11th	287·7	285·9	0·0	35	+13
924	Manaos	3 8	60 1	43·8	..	..	..	305·9	308·0	27th	294·9	292·2	25th	300·4	*300·3*	0·0	88	+50
926	Taperinha	2 30	54 20	21·0	1009·9	1012·4	- 0·3	304·6	306·4	24th	295·0	293·4	25th	299·8	*299·7*	+ 0·1	79	+35
927	Turyassu	1 43	45 26	9·1	1011·2	1012·3	- 0·6	304·9	306·7	1st	295·0	292·0	1st	300·0	*299·4*	+ 0·5	21	-56
928	Barra do Corda	5 30	45 16	81·0	1001·1	1010·5	- 1·3	306·4	309·3	30th	291·1	287·4	1st	298·8	*297·8*	- 0·1	4	- 4
929	Quixeramobim	5 16	39 15	207	990·3	1013·6	- 0·3	304·3	305·6	30th	296·8	296·0	6th	300·6	*300·2*	+ 0·2	1	- 9
930	Fernando Noronha	3 50	32 25	106	1002·4	1014·6	- 0·3	300·0	300·8	22nd	296·4	294·5	27th	298·2	*297·7*	+ 0·4	25	-20
934	∮Ascension Island	7 56	W. 14 25	16·8	1015·3	1017·1	+ 0·4	300·6	301·9	sev.dates	294·9	294·1	sev.dates	297·7	*297·1*	- 0·1	4	-10
939	Loanda	8 49	E. 13 13	59·3	..	1014·5	- 0·9	295·5	296·9	23rd,24th	290·4	287·8	20th	292·9	292·5	- 0·3	0	- 1
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·8	296·7	..	281·7	278·4	..	287·7	*288·6*	..	88	..
943	Masaka	0 20	31 44	1280	..	..	..	300·5	302·4	18th,28th	289·7	288·6	sev.dates	295·1	..	..	36	-18
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·8	1017·4	..	293·2	296·9	18th	283·2	279·6	11th	288·2	287·6	- 0·5	37	+ 8
944a	Zanziber	6 10	39 11	17·1	1016·3	1018·4	0·0	300·5	302·2	27th	295·7	294·1	12th	298·1	*297·2*	+ 0·2	17	-26
945	Lamu	2 16	40 50	3·0	..	..	..	300·2	300·8	sev.dates	296·3	294·1	3rd	298·3	*298·0*	- 0·5	58	+18
947	Seychelles, Port Office	4 37	55 27	4·6	1012·4	1012·9	0·0	300·0	300·9	8th	295·9	293·9	13th	297·9	*297·1*	- 0·7	45	-12
957	Padang	0 56	100 22	6·7	..	1010·6	0·0	303·5	305·0	15th	296·0	293·6	11th	299·7	299·3	+ 0·1	374	+27
958	Batavia	6 11	106 50	8·0	1009·9	1010·8	+ 0·4	304·5	305·9	15th	295·9	294·6	18th	300·2	299·7	+ 0·6	21	-23
958a	Pontianak	0 1	109 20	2·6	..	1009·6	- 0·3	305·4	306·9	24th	297·3	296·4	4th	301·3	300·6	+ 0·8	185	- 6
959	Pasuruan	7 38	112 55	5·0	..	1011·4	+ 0·3	303·5	306·5	25th	294·2	292·7	9th	298·9	298·8	- 0·2	0	-15
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	..
962	Amboina	3 42	128 10	4·2	..	1011·3	+ 0·1	300·2	302·4	24th	296·0	293·6	20th	298·1	297·9	+ 0·1	280	-126
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	278	+136
965	Daru	9 4	143 13	7·6	..	1013·3	+ 1·0	299·9	..	..	..	..	..	..	..	..	33	-18
966	Port Moresby	9 29	147 9	38·4	..	1010·5	- 1·4	299·8	..	..	296·1	..	..	298·0	*297·7*	- 0·1	6	-15
967	Rabaul	4 9	152 12	12·5	1007·8	1009·2	- 0·2	304·4	307·1	10th	295·2	293·8	5th	299·8	*299·2*	- 0·3	171	+59
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·2	303·1	27th,28th	297·3	294·7	7th	299·7	*299·5*	- 0·3	349	+136
970	Ocean Island	0 52	169 35	39·6	1005·3	1010·0	- 0·5	304·3	305·8	12,24,29	297·9	296·3	6th,15th	301·1	*300·4*	+ 0·1	251	+136
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-16.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·9	- 0·2	301·5	302·8	4th	296·2	293·1	14th	298·8	298·9	- 0·1	73	-19
1003	∮Alofi, Niue Island	19 2	169 55	19·8	..	1014·1	- 1·8	299·3	301·9	2nd	291·5	286·9	12th	295·4	*295·2*	- 0·7	126	+ 3
1021	Lima	12 5	77 3	111	999·4	1012·6	..	292·2	295·2	1st,5th	287·1	286·2	21,25,31	289·7	288·7	..	7	..
1022	Arica	18 28	70 20	5	1017·1	1017·7	..	..	..	..	..	..	..	..	*289·8*	..	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·1	..	- 1·2	289·9	292·6	10th	274·8	272·0	3rd	282·3	*281·0*	0·0	9	- 5
1025	Corumba	18 59	57 39	116	999·1	1012·3	- 0·8	302·1	309·0	16th	290·3	281·4	31st	296·2	*295·8*	+ 0·1	53	+28
1026	Cuyaba	15 36	56 6	165	993·4	1012·0	- 0·4	306·0	310·1	6th	291·5	284·2	31st	298·8	*297·4*	+ 0·1	85	+56
1027	Bello Horizonte	19 56	43 56	895	916·0	1017·3	- 2·2	300·1	304·4	31st	286·1	281·4	4th	293·1	*292·2*	+ 1·2	10	- 6
1028	Caetite	14 3	42 37	897	917·9	1016·8	- 0·2	300·7	305·7	30th	287·4	285·0	2nd	294·0	*294·2*	+ 0·9	0	-12
1029	Ondina (Bahia)	13 0	38 31	46·6	1011·8	1017·2	- 0·5	299·0	301·8	5th	294·1	292·3	10th	296·6	*296·4*	+ 0·2	255	+137
1030	Aracaju	10 55	37 3	6·1	1017·4	1018·2	+ 0·4	299·8	301·1	19th	293·8	290·9	31st	296·8	*296·6*	..	39	..
1035	St. Helena	15 57	W. 5 40	579	950·0	1017·6	+ 1·3	..	..	..	285·0	284·1	16,17,20	..	*287·0*	+ 0·6	68	..
1036	Mossamedes	15 12	E. 12 9	12·5	1015·7	1017·2	..	..	?295·1	22nd	..	?282·3	16th	..	*?289·0*	- 0·9	..	..
1041	Livingstone	17 51	25 51	972	910·5	1018·3	..	300·3	305·8	21st	284·2	277·2	11th	292·3	..	..	0	..
1041a	Elisabethville	11 39	27 28	1230	880·6	1015·1	+ 1·1	299·4	303·5	31st	280·7	276·1	10th	290·2	..	- 1·0	0	0
1042	Gwelo	19 26	30 2	1411	..	..	..	293·8	300·8	28th	279·7	273·6	12th	286·8	..	- 1·7	2	0
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	858·0	1020·9	+ 0·9	294·7	300·8	28th	280·2	275·2	10th	287·4	287·0	- 1·2	0	- 2
1044	Zomba	15 23	35 18	955	911·2	1017·2	+ 0·7	295·3	301·9	18th	285·4	281·3	11th	290·3	*289·6*	- 1·0	18	+ 9
1045	Mossuril	14 57	40 40	15	..	1016·8	..	300·9	304·2	18th	290·1	286·3	10th	295·5	295·4	..	9	..
1046	Antenanarivo	18 55	47 33	1375	868·2	1019·4	- 0·4	294·6	299·0	25th	283·1	278·6	7th	288·8	287·4	+ 0·3	55	+47
1065	Cocos, Keeling Is.	12 5	96 53	4·6	1013·6	1014·3	+ 0·8	301·2	302·3	9th	296·8	295·1	17th	299·0	*298·6*	+ 0·1	42	-78
1067	Christmas Island	10 25	105 43	5·5	1010·6	1011·3	+ 0·8	302·8	304·1	16,23,26	295·5	294·1	11th	299·2	*298·5*	- 0·2	8	-47
1061	Kupang	10 10	123 34	45	1006·8	1011·9	- 0·4	305·4	307·7	17th	293·8	290·1	23rd	299·6	298·5	- 0·1	0	- 3
1061a	Derby	17 18	123 40	16·2	1013·3	1015·4	+ 0·7	304·5	309·1	22nd	290·3	288·6	1st,10th	297·4	..	+ 0·7	0	- 2
1062	Hall's Creek	18 13	127 46	373	973·5	1015·1	- 0·6	304·6	308·1	21st	286·8	280·8	29th	295·7	*295·0*	+ 2·1	0	- 2
1063	Darwin	12 28	130 51	29·6	1009·8	1013·2	+ 0·7	304·7	307·3	16th	294·1	291·5	1st	299·4	*298·2*	+ 0·1	0	- 2
1064	Daly Waters	16 16	133 23	211	990·1	1013·9	- 0·2	306·2	309·1	22nd	286·7	283·0	1,4,27	296·4	*295·7*	+ 0·7	0	- 3
1065	Palmerville	15 56	144 8	210	990·3	1014·0	+ 0·2	303·9	305·3	6th,7th	286·3	281·3	25th,26th	295·1	..	- 0·6	0	- 2
1066	Georgetown, Queensland	18 22	143 32	302	981·9	1016·2	+ 0·2	302·4	305·2	14th	284·8	277·4	2nd	293·6	..	- 0·7	0	- 5
1066a	Willis Island	16 18	149 59	8·5	1014·2	1015·3	..	299·4	300·2	13th	294·7	292·4	1st,26th	297·0	*296·9*	..	6	..
1067	Samarai	10 37	150 40	6·1	..	1013·3	+ 0·3	300·9	..	..	296·1	..	..	298·5	*299·3*	+ 0·8	319	+100
1072	Suva, Fiji	18 8	178 26	6·1	1013·9	1014·6	+ 0·3	298·2	303·0	20th	293·2	289·7	12th	295·7	*295·5*	- 0·4	266	+55
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S. AUGUST - ZONE 11 (AMERICA, AFRICA).

1105	∮Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	297·7	300·3	1st,4th	289·7	285·8	13th	293·7	*293·5*	- 0·7	165	+51
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1015·8	1018·4	+ 0·2	288·7	290·4	30th	282·3	279·8	16th,17th	285·5	*285·9*	+ 0·8	11	- 8
1122	Antofagasta	23 42	70 24	94	..	..	..	..	..	..	283·5	280·0	4th	..	*286·6*	- 0·1	0	- 1
1123	Catemarca	28 27	65 47	528	‡955·8	1014·5	- 0·8	303·1	308·4	8th	279·8	272·3	2nd	291·4	*288·9*	+ 0·9	5	- 1
1124	Salta	24 46	65 28	1182	881·2	1012·6	- 1·3	295·8	306·7	10th	277·2	269·8	1st	286·5	286·1	- 0·2	0	- 5
1125	Goya	29 9	59 15	37	1011·3	1015·7	- 0·7	294·7	306·4	11th	282·0	274·0	2nd	288·4	*287·9*	- 0·3	26	-11
1126	Asuncion	25 17	57 41	93	1004·8	1015·7	+ 0·1	297·6	308·5	15th	287·2	277·3	30th	292·4	*291·7*	- 0·4	22	-19
1127	Curityba	25 25	49 17	908	915·0	1017·8	- 1·3	292·3	300·6	16th	281·1	273·9	8th	286·7	*286·1*	- 0·2	198	+115
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1014·8	1017·0	- 1·8	298·5	304·4	11th	290·4	287·4	3rd,6th	294·4	294·1	+ 0·6	33	-12
1139	Windhoek	22 34	E. 17 6	1727	832·8	1018·4	..	294·6	300·0	27th	280·7	273·4	21st	287·7	*287·0*	- 0·3	0	- 2
1140	O'Okiep	29 36	17 52	933	913·9	1020·3	- 0·3	291·1	298·6	12th	280·6	274·9	15th	285·9	*285·3*	+ 0·6	30	+ 8
1141	Kimberley	28 44	24 46	1218	885·6	1022·1	+ 0·9	293·4	301·3	31st	278·8	273·8	18th	286·1	285·7	+ 0·4	45	+39
1142	Johannesburg	26 11	28 4	1806	827·6	1023·5	+ 0·7	290·8	299·9	28th	278·4	272·2	7th	284·6	*284·2*	- 0·8	0	-13
1143	Bulawayo	20 9	28 35	1349	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1144	Durban	29 52	31 3	15·2	1022·0	1023·8	+ 1·5	294·3	298·7	31st	287·2	283·4	9th	291·0	*290·6*	- 0·1	52	+ 8
1147	Lourenço Marques	25 58	32 36	59·5	..	1023·6	+ 1·9	296·3	306·1	17th	286·5	282·3	6th	291·7	291·2	- 0·7	24	+ 9
	Mauritius	20 6	57 33	55·2	1013·8	1020·3	- 0·2	296·3	298·1	29th	289·8	287·0	30th	293·1	292·7	- 0·3	55	- 5
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

AUGUST – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1014·3	1014·8	- 1·4	298·4	303·1	27th	286·5	281·4	16th	292·4	..	+ 0·2	27	+17
1160	Cue	27 27	117 52	454	965·7	1018·3	- 0·3	292·5	299·2	28th	281·1	276·7	15th	286·8	..	- 0·3	28	+ 9
1161	Nullagine	21 53	120 5	386	..	..	..	299·2	303·0	27th	283·4	280·2	1,10,25	291·3	..	+ 0·6	10	+ 1
1162	Laverton	28 40	122 23	466	964·9	1019·0	- 0·7	292·6	300·1	28th	279·5	274·3	13th	286·0	*285·9*	- 0·2	16	+ 1
1163	Alice Springs	23 38	133 37	587	950·8	1017·5	- 0·1	296·3	305·2	20th	281·2	273·6	1st,26th	288·8	*288·6*	+ 1·1	1	- 8
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	999·3	1016·2	- 0·7	300·0	307·0	14th	283·6	276·7	25th	291·3	*291·6*	+ 1·3	0	- 5
1165	Thargomindah	27 58	143 43	123	1003·8	1018·4	- 0·7	294·7	305·3	15th	281·1	273·6	12th	287·9	*287·6*	+ 0·5	3	- 9
1166	Mitchell	26 32	147 52	336	979·9	1019·3	- 0·1	295·8	303·0	15th	277·7	269·8	1st	286·6	..	+ 1·0	10	-15
1167	Rockhampton	23 24	150 30	11·3	1017·4	1018·8	0·0	298·1	303·4	22nd	285·4	278·7	25th	291·7	*290·8*	+ 0·4	1	-23
1168	Brisbane	27 28	153 2	41·3	1015·4	1019·9	+ 0·8	295·1	301·5	22nd	283·4	278·3	3rd	289·3	*289·6*	+ 0·4	24	-27
1170	Norfolk Island	29 4	167 59	14·9	1018·3	1020·6	+ 2·3	291·3	295·2	25th	286·7	280·8	5th	289·0	*288·6*	+ 0·1	60	-88

AUGUST – ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 52	6	1017·8	1018·3	..	287·9	289·3	6th,7th	282·7	280·5	16th,17th	285·3	*285·5*	- 0·2	118	+ 6
1221a	Punta Tumbes	36 37	73 6	120	1003·6	1018·3	- 0·5	285·8	287·3	28th	279·3	277·0	29th	282·5	*282·8*	- 0·7	198	+128
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1013·4	1018·4	- 0·1	287·7	294·4	5th	280·4	278·1	1st	284·1	*294·4*	- 0·2	198	+134
1222a	Santiago	33 27	70 42	520	957·0	1018·7	- 0·2	287·3	294·7	5th	276·9	271·7	18th	282·3	*281·7*	- 0·6	162	+107
1223	Cordoba	31 25	64 12	423	965·2	1015·0	- 1·7	294·5	304·8	8th	276·4	270·0	1st	285·4	285·4	+ 0·5	0	-13
1224	Bahia Blanca	38 45	62 15	25	1011·8	1014·8	- 2·3	290·4	297·8	8th	277·4	271·5	30th	283·9	283·6	+ 1·2	7	-17
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1013·9	1016·9	- 1·6	290·2	296·9	9th	278·6	271·2	30th	284·4	284·2	+ 0·6	7	-56
1226	Montevideo (Prado)	34 52	56 12	24·9	1012·9	1016·2	- 2·2	288·7	296·0	10th	278·5	272·6	1st	283·6	*283·6*	- 0·1	66	-10
1226a	Porto Alegre	30 2	W. 51 13	23·5	1013·8	1016·6	- 2·2	293·5	306·3	11th	283·6	275·4	31st	288·5	288·4	+ 0·9	156	+27
1239	Cape Town	33 56	E. 18 29	12·2	1019·6	1021·1	+ 1·2	291·0	298·6	22nd	283·6	277·1	27th	287·3	*285·9*	+ 1·2	49	-37
1240	Danger Point	34 37	19 18	27·7	1017·6	1020·9	+ 1·7	289·9	296·9	22nd	283·7	280·2	2nd	286·8	..	+ 0·7	30	-58
1241	Riversdale	34 6	21 16	61·0	..	..	..	293·4	303·6	12th	279·4	273·3	2nd	286·4	..	+ 0·2	31	- 5
1242	East London	33 1	27 54	45·4	1017·0	1022·4	+ 2·5	293·1	298·4	8th	284·3	279·6	1st	288·7	..	+ 0·1	86	+44
1259	Perth (Observatory)	31 57	115 51	60·0	1011·7	1019·0	+ 0·2	290·5	297·7	24th	282·2	278·6	31st	286·3	*286·3*	0·0	85	-80
1260	Katanning	33 42	117 35	310	981·3	1018·4	+ 0·5	288·1	295·4	24th	277·9	273·4	15th	283·0	..	- 0·4	34	-28
1261	Coolgardie	30 57	121 10	423	969·9	1019·5	+ 0·5	290·3	297·0	26th	278·1	273·6	10th	284·2	*284·1*	- 0·7	12	-13
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1017·6	1019·0	- 0·5	289·6	294·3	29th	280·9	276·3	11th	285·2	*294·9*	- 0·6	65	+25
1264	Adelaide	34 56	138 35	42·7	1013·4	1018·6	- 0·6	288·3	294·7	20th	279·9	275·1	11th	284·3	*284·2*	- 0·9	38	+ 4
1265	Melbourne	37 49	144 58	35·1	1013·4	1017·6	- 0·4	287·1	292·9	20th	278·8	271·8	1st	282·9	*282·5*	- 0·7	51	-15
1266	Bourke	30 13	145 58	110	1008·5	1021·6	+ 0·3	294·7	305·2	15th	277·9	271·3	2nd	286·3	..	- 0·3	5	
1267	Sydney	33 51	151 13	42·1	1013·2	1018·2	+ 0·1	291·1	299·9	31st	281·1	276·8	24th	286·1	*285·2*	+ 0·2	99	+25
1268	Lord Howe Island	31 20	159 0	4·9	1019·3	1019·9	+ 1·2	291·5	294·3	15th	284·7	279·0	2nd,3rd	288·1	..	- 0·5	128	+16
1271	Auckland	36 51	174 48	13·4	..	1017·0	+ 2·2	288·1	289·9	19th	280·3	275·9	4th	284·2	..	0·0	124	-19
1272	Napier	39 29	176 55	1·5	..	..	..	286·4	291·9	17th	277·7	271·1	2nd	282·0	..	- 0·9	71	

AUGUST – ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52	176 42	45·7	..	1009·9	- 0·9	..	..	..	..	..	..	..	..	..	57	-30
1321	∮Isla Guafo	43 34	74 45	140	997·4	1014·5	- 0·8	282·0	283·3	26th	277·9	275·9	14th	279·9	*280·6*	+ 0·4	102	-21
1322	Punta Galera	40 1	73 44	40	1010·7	1015·8	- 1·7	284·2	286·6	7th	280·3	276·8	17th	282·3	*282·3*	+ 0·5	351	+84
1323	Sarmiento	45 34	69 0	272	978·5	1011·6	- 0·7	283·1	290·0	23rd	273·4	262·0	3rd	278·2	278·1	- 0·2	23	+12
1324	∮Puerto Madryn	42 49	W. 64 58	14	1009·8	1011·3	- 2·6	288·1	295·0	27th	273·8	268·6	16th	281·0	281·9	+ 0·4	16	+ 9
1365	∮Launceston	41 27	E.147 10	10·1	1013·2	1014·3	+ 0·1	285·8	289·2	24th	276·7	270·2	6th	281·2	*280·7*	- 0·2	77	+ 4
1366	Hobart	42 53	147 20	53·9	1006·7	1013·3	0·0	286·2	290·2	27th	277·4	273·1	10th	281·8	*281·3*	- 0·1	17	-29
1369	Invercargill	46 25	168 21	3·7	..	..	..	284·8	289·7	13th,31st	276·3	269·1	25th	280·6	..	+ 1·0	68	-15
1370	Alexandra	45 15	169 24	159	..	..	..	284·0	288·0	31st	273·1	269·4	24th,26th	278·6	278·4	..	3	..
1371	Dunedin	45 52	170 31	6·1	..	1015·1	+ 1·9	284·3	289·7	17th	276·3	273·0	26th	280·3	..	+ 0·6	25	-56
1371a	Christchurch	43 32	172 37	7·6	..	1015·3	+ 2·5	284·4	291·7	16th	273·9	269·3	2nd	279·2	..	- 0·6	31	-15
1372	Wellington	41 16	174 46	128	..	1016·0	+ 1·5	283·8	288·8	31st	278·4	274·6	28th	281·1	281·0	- 1·1	137	+23

AUGUST – ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	75 6	55	996·7	1003·5	+ 1·3	279·0	281·0	20th	275·0	272·0	1st	277·0	*277·7*	+ 0·5	176	-42
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1000·7	1004·2	+ 0·3	278·4	282·0	22nd	274·0	270·5	5th	276·2	*276·3*	+ 0·7	7	-21
1423	Punta Dungeness	52 24	68 26	5	1002·3	1002·9	+ 0·2	..	..	..	273·8	271·4	4th	..	*276·2*	+ 0·3	16	+ 1
1424	∮Santa Cruz	50 1	68 31	12	1004·9	1006·4	- 0·2	281·0	287·0	19th	272·7	263·6	4th	276·3	276·9	+ 0·4	22	+11
1425	∮Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·2	- 2·7	277·3	282·4	22nd	270·6	264·7	8th	273·9	..	- 1·7	51	+ 4
1426	Cape Pembroke	51 41	57 42	21·3	998·7	1001·3	- 2·5	277·1	281·9	22nd	272·3	268·6	3rd	274·7	274·9	- 1·0	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	994·1	994·6	- 4·7	273·3	281·0	24th	268·1	259·6	7th	270·7	*271·0*	- 0·3	159	+23
		S.	W.															

AUGUST – ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	∮South Orkneys	60 44	44 39	7	991·6	992·5	- 2·7	263·7	276·2	24th	251·9	239·5	5th	257·8	258·3	- 5·0	44	+ 7
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, SEPTEMBER 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF SEPTEMBER, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. SEPTEMBER – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1022·7	+ 9·0	277·4	284·7	26th	272·6	270·2	9,11,12	275·0	..	+ 2·9	10	+ 1
125	Upernivik	72 47	56 7	19·2	1003·8	1006·2	- 2·2	276·8	285·9	1st	272·0	267·0	30th	274·4	*274·3*	+ 0·5	17	-10
131	Myggbukta	73 30	21 30	3·2	..	1010·1	..	..	279·7	5th	..	257·6	17th	..	*271·1*	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1003·8	1005·9	..	274·5	279·7	5th	269·1	261·0	30th	271·8	*271·8*	..	15	..
135	Jan Mayen	70 59	W. 8 18	23·1	998·3	1001·1	- 6·8	..	281·0	12th	273·6	268·4	30th	..	*275·8*	- 0·4	71	+21
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1002·4	1003·7	- 4·2	..	277·6	20th	271·6	267·1	12th	..	273·3	+ 0·2	32	+ 7
140	Björnöen	74 28	19 17	29·2	‡ 999·2	1004·2	- 2·2	..	281·9	22nd	273·9	270·7	7th	..	*275·7*	0·0	119	+69
141	Ingöy	71 4	24 6	4·3	1006·3	1006·3	- 0·4	..	285·0	20th	278·9	273·6	29th	..	*280·6*	+ 0·6	31	-30
142	Sletnes	71 5	28 14	10·2	1007·8	1009·0	+ 0·3	..	286·9	21st	277·9	274·2	11th	..	*280·3*	..	25	..
143	Vardö	70 22	31 8	11·8	1008·5	1009·9	+ 1·2	..	286·8	15th	278·2	274·4	11th	..	*280·1*	+ 0·9	25	-35
147	Malye Karmakouly	72 23	52 43	15·3	1009·0	1010·9	+ 1·9	..	..	..	..	..	..	..	*277·4*	+ 2·0	17	-22
148	Waigatz	70 24	58 47	11·2	1010·2	1011·6	+ 2·7	..	..	..	..	..	..	..	*276·7*	+ 0·7	36	+ 7
153	Dickson	73 31	80 23	13·0	1013·2	1014·8	+ 6·6	279·4	284·2	7th	275·0	269·7	22nd	277·2	*276·9*	+ 5·4	45	+21
182	Bouloune	70 45	127 47	?35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. SEPTEMBER – ZONE 2.

201		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Preobrajenye	64 52	175 42	?	..	..	..	279·8	284·7	25th	276·4	273·6	17th,28th	278·1	..	..	96	..
203	Savoonga	63 43	170 20	5·5	..	..	..	279·8	284·7	25th	276·4	273·6	17th,28th	278·1	..	..	96	..
204	Nome	64 30	165 24	6·7	1006·1	1006·8	+ 0·2	285·1	291·3	10th	279·1	271·9	18th	282·1	..	+ 3·8	109	+41
205	Bethel	60 45	161 47	11·6	..	1005·1	..	286·3	291·9	8th	278·9	271·9	30th	282·6	..	..	100	..
206	Tanana	65 10	152 6	69·5	1005·3	1013·2	+ 4·1	285·3	290·2	24th,25th	277·3	270·8	20th	281·5	*280·9*	+ 3·8	60	+19
208	Rampart	65 30	150 15	114	..	..	..	285·2	293·6	24th	274·4	267·4	20th	279·8	..	+ 1·6	27	- 8
207	Valdez	61 7	146 16	122	..	..	..	284·8	290·8	1st	279·3	274·7	20th,21st	282·1	..	..	323	..
208	Eagle	64 46	141·12	248	983·9	1014·9	+ 5·1	288·2	294·1	6th	274·9	267·4	21st	281·6	*281·2*	+ 3·0	12	-20
209	Dawson	64 4	139 29	324	976·5	1015·5	..	286·9	294·1	6th	275·7	268·0	22nd	281·3	*281·4*	+ 3·0	17	-20
210	Mayo Landing	63 35	135 51	?579	956·5	1025·7	..	288·4	296·3	6th	274·2	265·8	22nd	281·3	*281·7*	..	28	..
211	Fort Good Hope	66 15	128 38	65·2	1011·3	1019·4	..	284·3	295·2	5th	274·1	266·9	23rd,24th	279·2	..	+ 2·3	17	- 1
212	Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	280·9	..	+ 0·1	36	- 7
213	Hay River	60 51	115 57	161	995·1	1014·9	..	284·1	291·3	28th	273·7	264·7	27th	278·9	*278·3*	- 2·1	25	-15
225	Jacobshavn	69 13	51 2	31·6	999·5	1003·4	- 4·0	276·5	286·9	4th	272·0	262·4	30th	274·3	*274·3*	- 0·7	42	+ 7
226	Godthaab	64 10	51 43	20	..	..	..	279·8	288·4	3rd	274·3	268·3	29th	277·1	*276·4*	+ 0·2	60	-23
227	Ivigtut	61 12	48 10	30·0	1002·0	1005·7	+ 0·2	281·5	290·9	2nd	274·7	266·7	29th	278·1	*277·7*	- 0·3	71	-82
229	Angmagsalik	65 36	37 33	29·3	999·6	1003·2	- 4·3	277·7	283·7	6th,7th	272·3	268·5	25th	275·0	*275·1*	- 1·0	21	-77
231	Stykkisholm	65 5	22 46	25	..	1001·4	- 5·3	283·4	288·7	7th	276·1	271·0	30th	279·7	*279·1*	- 0·7	101	+32
232	Vestmanno	63 24	20 17	132	..	1002·4	- 3·9	282·8	285·3	2nd	278·1	274·4	27th	280·5	*280·1*	- 0·4	153	+ 8
233	Grimsey	66 33	18 1	22	..	..	..	279·7	285·0	7th	..	..	..	..	*277·1*	- 1·6	63	+29
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	1002·3	- 5·1	284·4	289·0	8th	277·4	272·7	30th	280·9	*280·1*	+ 0·2	101	-22
235	Höjvig	62 3	6 45	22·9	1003·9	1006·6	- 3·4	284·9	288·6	7th	279·9	275·7	20th	282·4	*282·5*	+ 0·3	199	+79
236	Lerwick	60 8	W. 1 11	18·0	..	1011·1	- 0·3	286·0	288·6	11th	282·4	277·4	20th	284·2	*284·2*	+ 0·9	108	+32
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1008·7	1014·1	+ 2·4	286·7	292·2	1st	282·0	277·9	28th	284·3	*284·1*	+ 0·2	216	+22
238	Aalesund	62 28	6 10	6·3	1010·7	1011·5	+ 1·1	..	293·2	12th	282·0	277·8	22nd	..	*284·6*	+ 0·8	157	0
239	Trondhjem	63 26	10 25	59·2	1003·3	1011·0	- 0·2	285·3	289·6	14th	279·5	275·4	23rd	282·4	*282·5*	+ 0·1	125	+43
240	Bodö	67 17	14 26	17·0	1006·7	1008·7	- 0·8	..	286·3	19th	279·9	274·0	8th	..	*282·1*	+ 0·4	160	+47
241	Haparanda	65 50	24 9	9·2	1010·3	1011·9	+ 1·4	283·3	288·0	4th	278·1	270·0	10th	280·9	*281·3*	+ 0·6	91	+31
242	Helsingfors	60 10	24 57	11·7	1012·9	1014·3	+ 1·1	286·9	290·5	3rd	281·3	275·1	11th	284·2	*284·3*	+ 0·8	85	+21
242a	Kuopio	62 55	27 40	233	985·9	1014·2	+ 2·7	284·3	289·3	20th	278·5	273·0	9th	281·4	*281·2*	- 0·6	70	+ 6
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1013·6	1014·4	+ 2·8	..	..	..	..	..	..	..	*281·0*	0·0	40	-15
246	Mezen	65 50	44 16	14·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1004·2	1012·6	+ 2·0	283·9	290·8	22nd	275·2	271·2	12th	279·6	*279·1*	- 0·3	46	-11
248	Tcherdyn	60 24	56 31	?208	987·5	1012·8	+ 0·2	284·3	294·1	13th	276·7	270·1	24th,25th	280·5	*280·1*	- 0·9	57	-13
249	Berezov	63 56	65 4	46	1007·8	1013·5	+ 2·5	..	..	..	..	..	..	..	*279·7*	+ 0·4	15	-27
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	*280·3*	- 0·4	47	- 1
252	Sourgout	61 15	73 24	48	1006·2	1012·0	- 0·3	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	*278·9*	+ 1·1	36	-15
254	Touroukhansk	65 47	87 57	45·0	1011·2	1016·3	+ 4·5	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	*277·1*	- 2·0	8	-17
262	Iakoutsk	62 1	129 43	108	1001·3	1015·1	+ 2·9	..	..	..	..	..	..	..	*272·3*	- 3·1	11	- 2
263	Verkholansk	67 33	133 24	100	997·1	1009·7	- 0·2	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	*277·2*	+ 0·2	35	+ 7
271	Novo Marlinskii Post	64 45	177 33	17·2	1007·9	1010·0	- 0·7	..	..	..	..	..	..	..	..	..	..	..
		°N.,	°E.,	metres	mmb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

RÉSEAU MONDIAL

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal	Precipitation. Total	Precipitation. Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
302	St. Paul Island	57 15	170 10	28·0	..	999·3	- 7·4	282·6	284·1	5,6,7	279·6	278·0	18,28,30	281·1	..	+ 1·0	90	- 5
303	Dutch Harbor (Radio)	53 55	166 30	4·0	999·4	1000·0	- 7·7	286·1	290·8	13th	280·4	275·8	4th,5th	283·3	*282·9*	+ 1·7	186	+32
304	Chernofski Harbor	54 27	166 42	?	..	..	..	284·8	289·7	13th	278·3	273·6	27th	281·6	..	..	126	..
305	Dillingham	59 0	158 28	24·4	..	..	..	286·6	288·6	2nd	280·4	274·7	13th,19th	283·5	..	+ 1·9	102	0
306	Kodiak (Radio)	57 47	152 22	4·6	1010·9	1011·5	+ 4·4	289·4	299·7	12th	281·6	277·4	1st,18th	285·5	*284·6*	+ 2·5	122	+ 4
309	Sitka	57 3	135 19	19·8	..	..	..	289·0	294·1	17th	281·4	275·8	23rd	285·2	..	+ 1·2	115	-143
310	Prince Rupert	54 18	130 18	51·8	1013·2	1019·5	+ 5·4	290·2	296·9	17th	282·2	278·6	23rd	286·2	*286·1*	+ 1·3	26	-182
311	Barkerville	53 2	121 35	1274	..	..	..	288·1	296·3	10,13,16	274·6	269·1	25th,26th	281·3	..	+ 0·9	43	-50
312	Kamloops	50 41	120 29	385	972·9	1018·2	+ 0·7	294·2	303·0	13th	280·6	274·7	26,28,29	287·4	*287·5*	0·0	19	- 1
313	Calgary	51 2	114 2	1058	895·9	1016·9	+ 4·3	289·4	299·1	18th	275·3	268·0	28th	282·3	*281·9*	- 1·1	26	- 6
314	Fort Chipewyan	58 43	111 9	218	987·7	1014·2	..	284·7	291·9	10th	276·9	270·2	13th	280·9	*281·1*	+ 0·9	80	+49
315	Prince Albert	53 10	105 38	437	963·7	1015·3	+ 2·3	288·1	298·0	19th	277·1	271·9	17th,18th	282·6	*282·1*	- 0·4	46	+10
316	Qu'Appelle	50 30	103 47	651	939·7	1016·3	+ 2·5	287·5	300·3	1st	276·8	270·8	6th	282·2	*281·8*	- 1·7	44	+ 4
317	Minnedosa	50 15	99 50	515	954·3	1015·5	+ 1·8	288·3	306·9	1st	275·1	265·2	18th	281·7	*281·1*	- 2·4	36	- 4
318	Berens River	52 18	97 23	216	..	..	..	286·5	300·8	2nd	274·1	266·9	13th	280·3	..	- 4·9	47	-13
318a	Port Nelson	57 0	92 51	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
319	Pagwa	50 3	85 18	189	..	..	..	287·5	295·8	17th	275·7	261·9	30th	281·6	..	- 2·5	70	- 5
320	Moose Factory	51 14	80 30	9·1	1010·3	1011·4	..	..	..	..	273·6	267·4	30th	..	..	..	16	-57
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	284·4	292·4	6th,7th	277·2	269·7	27th	280·8	..	- 1·3	134	+41
324	Natashquan	50 8	61 48	6·1	..	..	..	287·2	294·1	9th	278·8	270·8	30th	283·0	..	+ 0·8	65	- 6
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	Sea Temp. 284·7 | 0·0	..	..	..	..	284·2	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 10	††17 31	§ (75)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1018·3	1020·0	+ 4·4	290·4	294·2	8th	285·2	279·9	17th	287·8	288·0	+ 1·4	41	-73
335	Aberdeen	57 10	W. 2 6	26·0	1012·0	1015·1	+ 1·7	289·6	297·4	8th	282·4	278·0	30th	286·0	285·9	+ 1·4	33	-30
336	Greenwich	51 28	0 0	46·3	..	1019·9	+ 3·7	297·2	304·7	4th	284·4	277·4	27th	290·8	290·2	+ 3·4	4	-41
337	Uccle	50 48	E. 4 22	100	1007·8	1019·7	+ 3·3	298·0	307·9	4th	284·3	279·4	21st	291·4	289·9	+ 3·6	43	-26
338	De Bilt	52 6	5 11	3·0	1019·2	1019·6	+ 3·2	296·0	303·3	1st	284·0	278·0	26th	290·0	289·0	+ 2·1	36	-30
338a	Hamburg	53 33	9 58	40·3	1014·7	1019·5	+ 3·2	294·1	304·9	1st	284·6	279·5	25th	289·3	*288·4*	+ 1·8	32	-31
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1017·1	1017·7	+ 2·4	291·4	296·7	1st	283·2	276·9	24th	287·3	*287·2*	+ 2·1	42	-11
340	Potsdam	52 23	13 4	84·9	1009·1	1019·2	+ 2·4	296·1	305·8	1st	283·2	276·3	24th	289·7	289·2	+ 2·9	9	-37
340a	Uppsala	59 51	17 38	24	1011·0	1013·9	+ 1·2	288·7	294·7	14th	279·5	271·5	24th	284·1	284·1	+ 0·9	38	-13
341	Warsaw	52 13	21 3	89·9	1008·6	1019·4	+ 1·1	292·9	304·4	2nd	281·6	276·9	17th	287·3	*286·7*	..	30	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1005·6	1015·4	+ 1·2	287·8	292·6	2nd	280·3	274·0	25th	284·1	283·8	+ 0·2	46	- 6
343	Leningrad	59 56	30 16	4·8	1014·3	1014·9	+ 1·3	..	..	..	..	..	..	..	*283·5*	- 0·1	48	- 5
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	997·0	1016·9	+ 0·9	..	..	..	..	..	..	..	..	..	..	-40
345	Saratov	51 32	46 2	127	1000·2	1015·6	- 0·3	288·8	298·7	1st	280·4	275·1	26th	284·6	*284·2*	- 1·4	113	..
346	Kazan	55 47	49 8	79·9	1004·7	1014·4	- 1·7	286·6	294·7	7th	279·1	272·3	26th	282·9	*282·4*	- 1·6	61	+16
347	Orenburg	51 45	55 6	109	1000·3	1014·0	- 3·3	288·9	299·9	9th	279·3	272·5	29th	284·1	*283·8*	- 2·3	52	+28
348	Perm	58 1	56 16	163	993·0	1012·8	- 1·5	285·6	295·5	8th	277·7	269·5	26th	281·6	*281·2*	- 0·9	29	-31
349	Sverdlovsk	56 50	60 38	281	977·8	1011·7	- 2·5	..	..	..	..	..	..	..	*281·1*	- 0·7	31	- 7
350	Tobolsk	58 12	68 14	108	998·8	1011·9	- 2·6	..	..	..	..	..	..	..	*282·0*	- 0·5	78	+34
351	Akmolinsk	51 12	71 23	347	..	..	..	278·4	272·0	28th	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	999·5	1012·6	- 3·2	..	..	..	..	..	..	..	*283·5*	- 0·2	25	- 4
353	Barnaoul	53 20	83 47	158	996·2	1015·7	- 1·6	290·3	302·3	3rd	279·1	271·0	26th	284·7	*284·2*	+ 0·6	59	+31
354	Tomsk	56 30	84 58	123	999·3	1014·7	- 1·3	287·3	297·3	4th	278·1	271·7	17th	282·7	*282·1*	0·0	39	- 1
355	Minousinsk	53 43	91 41	249	986·3	1016·2	- 1·7	..	..	..	..	..	..	..	*283·9*	+ 0·8	44	+12
356	Eniseisk	58 27	92 10	81·2	1005·8	1015·8	+ 0·1	..	..	..	..	..	..	..	*280·4*	- 1·1	95	+53
357	Irkutsk	52 16	104 19	467	960·3	1016·0	- 2·2	..	..	..	..	..	..	..	*281·1*	+ 0·2	34	- 8
358	Kirensk	57 47	108 7	278	982·9	1016·7	+ 0·6	..	..	..	..	..	..	..	*279·7*	- 0·5	40	- 2
359	Tchita	52 2	113 30	685	931·7	1011·8	- 2·2	..	..	..	..	..	..	..	*282·6*	+ 0·3	12	-12
360	Nertchinskii Zavod	51 19	119 37	621	941·2	1014·5	+ 0·9	..	..	..	..	..	..	..	*280·3*	- 1·5	35	-10
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	995·0	1012·1	- 0·4	..	..	..	..	..	..	..	..	..	..	-18
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	*283·4*	- 1·7	51	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1004·7	1009·3	- 1·0	..	..	..	..	..	..	..	..	..	..	+22
366	∮Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	*282·4*	- 1·5	90	..
368	∮Petropavlovsk (Phare)	52 53	158 43	87·1	997·5	1008·1	- 2·3	..	..	..	..	..	..	..	*281·9*	- 0·2	129	+34
369	Kluchevskoye	56 21	140 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal	Precipitation. Total	Precipitation. Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
411	Victoria, B.C.	48 24	123 19	70·1	1008·0	1016·4	+ 0·2	293·7	300·8	16th	283·6	280·2	24th	288·6	*287·9*	+ 2·2	3	-43
412	Portland, Oregon	45 32	122 41	46·6	1010·6	1015·9	- 0·7	297·2	303·6	16th	285·2	280·2	27th	291·2	*290·9*	+ 2·1	8	-39
413	Macleod	49 44	113 24	953	..	..	..	290·9	305·8	1st	276·1	268·0	29th	283·5	*283·3*	- 1·1	37	+ 5
414	Helena	46 34	112 4	1253	875·0	1017·3	+ 0·5	289·6	300·3	1st	277·2	271·9	7th	283·4	*283·4*	- 2·8	40	+ 9
414a	Salt Lake City	40 46	111 54	1329	866·3	1012·5	- 1·4	295·2	304·1	18th	283·3	279·1	9th	289·6	*290·2*	- 1·7	62	+38
415	Cheyenne	41 8	104 48	1856	814·3	1014·9	- 1·1	290·9	304·7	1st	278·3	270·3	9th	284·6	*285·2*	- 2·2	46	+17
416	North Platte	41 8	100 45	860	917·2	1015·6	- 0·5	294·2	308·6	1st	281·9	275·2	10th	288·1	*288·4*	- 2·3	56	+21
416a	Bismarck	46 47	100 38	510	955·7	1016·2	+ 0·7	290·6	311·9	1st	278·9	271·9	18th	284·7	*285·2*	- 2·3	43	+11
417	Winnipeg	49 53	97 7	232	987·5	1015·4	..	289·7	310·2	1st	278·7	270·2	18th	284·2	*283·6*	- 0·9	61	+ 5
418	Duluth	46 47	92 6	345	975·4	1018·6	+ 1·4	290·1	305·2	2nd	280·1	270·3	19th	285·1	*284·7*	- 0·3	122	+35
419	Port Arthur	48 27	89 12	196	992·9	1016·5	+ 0·9	288·3	303·0	1st	279·6	271·9	18th	284·2	*283·8*	- 0·4	139	+55
420	Chicago	41 47	87 35	205	993·3	1018·3	+ 1·0	295·2	305·9	2nd	287·1	278·6	18th	291·1	*290·7*	- 1·0	77	- 2
421	Toronto	43 40	79 24	116	1005·1	1019·0	+ 1·0	294·9	306·9	3rd	284·8	276·3	19th	289·9	*289·1*	+ 1·2	20	-48
422	New York (Central Park)	40 47	73 58	47·4	1013·9	1019·5	+ 0·8	298·5	310·2	3rd	289·1	279·7	19th	293·8	293·4	+ 1·0	79	-11
423	St. John, N.B.	45 17	66 4	36·3	1015·4	1019·8	..	291·2	296·3	3rd	282·8	275·8	21st	287·0	*286·7*	+ 0·7	110	+15
424	S.W. Point, Anticosti	49 24	63 33	9·1	1015·8	1016·9	..	294·6	299·1	25th	280·2	275·8	21st,28th	282·4	*282·5*	+ 0·1	46	-23
424a	Sable Island (Main Station)	43 57	60 6	7·6	1019·1	1020·0	..	291·6	295·2	15th,18th	287·4	283·0	23rd	289·5	*289·4*	+ 1·2	106	+20
425	Port aux Basques	47 35	59 10	9·1	1015·9	1016·9	+ 1·5	289·0	295·8	8th	282·5	277·4	22nd,28th	285·7	*285·4*	+ 1·4	128	+14
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	942·3	1018·4	+ 1·3	296·9	302·0	3rd	286·6	282·2	24th	291·8	*290·6*	+ 0·1	46	+11
436	Nantes	47 15	W. 1 34	36·5	1014·2	1018·5	+ 0·3	298·9	307·0	3rd	286·9	280·5	26th	292·9	292·4	+ 3·9	25	-29
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1013·9	1019·9	+ 2·1	298·5	306·8	4th	286·0	277·5	27th	292·2	291·7	+ 4·0	7	-46
438	Marseille	43 18	5 23	75	..	1018·9	+ 2·7	299·9	305·0	7th	289·1	284·3	28th	294·5	*293·5*	+ 1·4	38	-23
438a	Zürich	47 23	8 33	493	963·3	1020·3	+ 1·8	298·1	304·7	1st	284·7	276·6	26th	291·4	290·1	+ 3·1	64	-39
439	Rome	41 54	12 29	45·5	1012·5	1017·9	+ 1·3	300·9	308·3	3rd	290·6	284·0	30th	295·7	295·5	+ 1·7	36	-29
440	Vienna	48 15	16 22	203	996·2	1020·2	+ 2·6	294·6	302·9	3rd	284·9	278·6	30th	289·7	289·5	+ 1·0	15	-36
440a	Budapest	47 31	19 1	130	1004·7	1020·2	+ 2·7	297·6	307·3	2nd	284·9	277·3	30th	291·3	290·3	+ 1·2	18	-37
441	Sofia	42 42	23 20	550	955·8	1019·9	+ 2·1	293·0	300·7	1st	282·8	273·3	27th	287·9	*287·2*	- 2·1	30	-23
442	Bucharest	44 25	26 6	82	1009·5	1019·2	+ 1·7	297·1	307·4	3rd	284·0	277·4	24th	290·5	289·9	- 0·6	16	-24
443	Odessa (Observatory)	46 26	30 46	42·8	1013·5	1018·6	+ 0·7	293·1	305·4	1st	284·6	278·5	27th	288·9	*289·5*	- 1·3	42	+10
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Movorssiisk	44 44	37 49	37·1	1011·2	1015·6	- 0·4	..	..	..	..	..	..	..	*290·6*	- 1·5	213	+159
445	Tiflis	41 43	44 48	404	968·0	1014·3	- 2·0	298·9	309·9	5th	287·1	281·1	15th	293·0	292·7	+ 0·6	44	- 6
446	Astrakhan	46 21	48 2	-20	1018·2	1015·7	- 2·2	293·7	305·4	2nd	284·4	277·6	30th	289·0	*289·7*	- 1·3	21	+ 7
447	Fort Alexandrovsk	44 31	50 7	-23·0	1017·0	1014·3	- 2·7	..	..	..	..	..	..	..	*291·8*	0·0	51	+36
448	Krasnovodsk	40 0	52 59	-4·6	1013·5	1013·0	- 2·3	..	..	..	..	..	..	..	*297·6*	+ 0·9	0	- 5
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	479	958·2	1012·4	- 1·9	302·2	307·2	15th	286·0	282·5	30th	294·1	294·0	+ 1·9	15	+11
451	Narynskoe	41 26	76 13	2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451a	Andijan	40 47	72 23	503	955·4	1012·2	..	302·9	306·0	15th	288·2	284·1	9th	295·6	*294·6*	..	18	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*290·9*	..	23	- 4
461	Moukden	41 48	123 23	43·6	1007·6	1012·8	- 1·0	297·1	301·5	6th	284·5	276·1	30th	290·8	290·2	+ 0·5	116	+38
462	Joshin	40 40	129 12	31·9	1010·0	1013·8	0·0	295·4	300·0	21st	285·1	280·6	30th	290·3	290·0	- 0·7	10	-106
463	Yuki	42 20	130 24	63·8	1006·2	1013·8	+ 0·2	293·1	297·0	8th	283·9	277·0	30th	288·5	288·8	- 0·8	19	-87
464	Vladivostok	43 7	131 54	128	997·9	1013·2	- 1·1	..	..	..	..	..	..	..	*287·9*	- 1·7	45	-67
465	Ochiai	47 20	142 47	27·4	1007·3	1010·6	- 2·0	290·8	296·9	3rd	280·0	272·0	23rd	285·4	285·5	- 0·2	130	+16
466	Nemuro	43 20	145 35	26·7	1009·5	1012·7	- 1·2	292·1	296·5	1st	284·9	280·8	23rd	288·5	287·9	- 0·2	50	-91
466a	Syana	45 14	147 53	39·3	1007·4	1012·1	- 1·6	290·1	296·8	3rd	281·7	273·3	13th	285·9	286·0	- 0·3	44	-53
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

SEPTEMBER - ZONE 5 (AMERICA).

511	San Francisco	N. 37 48	W. 122 26	47·2	1006·0	1011·8	- 2·5	293·1	299·1	14th	285·6	283·6	29th	289·3	*288·4*	+ 0·8	0	- 8
512	Sacramento	38 35	121 30	21·0	1007·5	1009·8	- 2·4	303·1	311·9	15th	285·6	281·3	27th	294·3	*294·8*	+ 0·6	0	- 7
513	San Diego	32 43	117 10	26·5	1007·6	1010·5	- 1·6	295·9	308·0	17th	290·3	286·9	30th	293·1	*292·7*	+ 0·7	7	+ 5
514	Modena	37 48	113 54	1668	832·7	1010·6	- 2·0	297·4	304·1	14th	279·7	273·0	29th	288·6	*288·7*	+ 0·2	12	-14
515	Santa Fé	35 41	105 57	2138	789·7	1012·2	- 0·8	295·2	301·3	2nd	282·5	278·1	14th	288·9	*288·7*	0·0	131	+92
516	Denver	39 45	105 0	1613	838·4	1014·5	- 0·8	293·9	306·9	1st	281·0	274·1	6th	287·9	*288·8*	- 2·0	34	+ 8
517	Abilene	32 23	99 40	530	953·9	1014·2	- 0·9	303·2	309·1	4th	291·2	285·8	10th	297·2	*296·4*	+ 0·1	111	+46
518	Saint Louis	38 38	90 12	173	996·9	1017·3	0·0	298·2	306·3	2nd	288·6	280·8	19th	293·4	*293·3*	- 0·8	43	-38
519	Mobile	30 41	88 2	17·4	1012·2	1014·2	- 1·6	301·7	306·3	11th	294·2	287·4	19th	297·9	*297·6*	- 0·2	134	+ 1
520	Nashville	36 10	86 47	166	998·1	1017·9	- 0·4	300·1	308·3	8th	289·9	281·9	19th	295·0	*294·9*	- 0·2	123	+35
521	Charleston	32 47	79 56	14·6	1015·3	1016·9	- 0·5	300·2	303·6	14th	294·6	285·2	20th	297·4	*297·7*	- 0·2	98	-28
522	Washington	38 54	77 3	34·1	1015·3	1019·3	+ 0·7	300·0	309·1	2nd	288·4	279·7	20th	294·2	*293·4*	+ 1·1	110	+23
524	Bermuda	32 17	64 46	38·1	1015·3	1020·6	..	303·1	305·2	22nd	296·2	294·7	8th	299·7	*299·3*	+ 0·5	64	-68
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

SEPTEMBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1016·9	1021·6	- 0·2	297·8	301·6	4th	292·1	290·5	17th	294·9	294·6	+ 0·7	91	-15
531	Horta	38 32	28 38	65	1013·9	1021·7	+ 0·2	297·4	300·6	4th	292·0	289·6	17th	294·7	294·2	0·0	93	+ 7
532	Ponte Delgada	37 44	25 40	22	1018·6	1021·4	+ 0·6	296·5	298·0	6th	292·2	290·6	17th	294·3	294·2	+ 0·4	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	36	-49
533	Madeira (Funchal)	32 38	16 55	25	1015·9	1018·8	- 0·4	297·2	299·0	24th	292·9	291·5	24th	295·0	*295·1*	+ 0·2	0	-30
535	Lisbon	38 43	9 9	95	1005·7	1016·8	- 0·1	298·4	301·8	23rd	291·0	289·4	28th	294·7	294·1	+ 0·9	36	0
535a	Melilla	35 17	2 59	40	1013·0	1017·7	..	299·1	302·4	15th	293·8	289·1	28th	296·4	*296·2*	- 1·6	117	+94
536	Gibraltar	36 6	5 21	27·4	..	1016·5	- 0·9	299·6	303·0	2nd	292·6	289·7	25th	296·1	*295·2*	+ 0·7	26	- 7
536a	Colomb-Béchar	31 37	W. 2 13	769	927·9	1012·3	..	304·9	312·1	2nd	286·1	281·3	22nd	295·5	*296·1*	- 4·2	6	+ 3
537	Palma	39 34	E. 2 39	23	1014·7	1017·4	- 0·8	302·0	307·0	8th	290·0	283·8	27th,28th	296·0	*295·5*	- 0·3	48	- 4
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	..	..
539	Tunis	36 48	10 10	75	1009·4	1018·1	..	301·4	307·9	13th	291·5	283·9	28th	296·6	*296·5*	- 0·3	10	+ 7
540	Malta	35 54	14 31	71·2	..	1016·5	+ 0·6	298·6	303·6	8th	293·8	288·0	28th,28th	296·3	*295·6*	- 1·1	39	+44
541	Athens	37 58	23 43	107	1003·3	1015·8	+ 0·7	298·2	306·8	1st	290·5	285·1	30th	294·4	293·8	+ 0·5	59	- 1
542	Alexandria	31 12	29 53	32·0	1009·5	1013·2	- 0·4	304·6	314·3	27th	296·0	293·8	24th	300·3	*299·3*	+ 1·1	0	..
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	-16
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1011·7	+ 1·3	304·1	310·2	6th	290·7	288·0	..	297·4	..	- 1·0	1	..
544	Beirut	33 54	35 28	33·7	..	1011·7	- 0·2	303·6	306·9	28th	296·4	293·8	10th	300·0	*299·7*	+ 0·7	4	- 7
545	Hinaidi	33 17	44 29	32·3	1003·4	1007·0	+ 0·6	314·1	320·2	7th	295·7	290·2	11th,12th	304·9	*305·3*	+ 1·2	0	- 3
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	0
547	♯Tehran	35 41	51 25	1220	868·9	996·4	..	305·9	309·7	9th	291·5	288·6	1st	298·7	*298·5*	+ 0·9	0	..
548	Meshed	36 17	59 38	946	..	..	..	303·7	308·7	21st,26th	284·0	278·3	3rd	293·8	..	+ 1·9	0	- 2
549	Seistan	31 0	61 30	†610	953·3	..	..	309·4	312·8	24th	293·2	288·6	21st	301·3	..	+ 1·9	0	- 1
550	Quetta	30 12	67 0	1647	835·1	..	+ 0·7	304·8	307·3	17th	284·6	279·6	5th	294·7	*294·5*	+ 1·9	0	0
551	Peshawar	34 2	71 37	355	966·6	1005·9	+ 0·1	309·4	311·6	26th	296·3	293·4	26th	302·9	*302·3*	+ 1·5	0	- 2
551a	Lahore	31 34	74 20	214	981·7	1005·5	+ 0·6	309·9	311·9	1,18,24	297·3	294·1	19th	303·6	*303·1*	+ 0·8	0	-21
552	Simla	31 7	77 8	2202	782·0	..	+ 1·2	293·3	295·6	6th	286·6	282·9	11th	289·9	*289·7*	+ 0·2	10	-50
552a	Leh	34 10	77 42	3503	668·4	..	+ 1·2	293·4	296·7	2nd	277·9	273·0	10th	285·7	*284·5*	- 0·6	92	-66
559	Hankow	30 35	114 17	37·0	1010·7	1015·0	+ 1·6	301·5	306·3	2nd	292·8	287·2	30th	297·2	*296·7*	- 0·1	131	- 7
560	Tientsin	39 9	117 9	6·4	1013·5	1014·2	- 0·4	300·9	304·0	6th	290·2	284·7	29th	295·5	*295·1*	+ 1·3	6	+65
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1012·8	1013·6	+ 1·4	302·0	306·4	1st	290·9	286·0	22nd	296·4	295·6	- 0·2	48	-36
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1006·0	1014·3	+ 1·5	297·6	300·2	9th	287·7	284·0	12th	292·7	292·5	- 0·8	50	-72
562a	Nagasaki	32 44	129 52	133	996·7	1012·1	+ 0·6	299·1	303·0	1st	292·3	289·6	30th	295·7	295·2	- 1·3	228	-80
563	Kyoto	35 1	135 44	42·9	1007·1	1012·1	+ 0·1	299·4	305·7	1st	290·4	284·8	17th	294·9	294·4	- 0·8	259	+10
564	Tokyo	35 41	139 46	5·8	1011·9	1012·6	- 0·6	297·3	303·9	1st	290·1	286·0	13th	293·7	293·5	- 1·4	544	+67
565	Hukusima	37 45	140 28	68·5	1005·3	1013·3	0·0	296·7	304·4	2nd	288·5	281·9	18th	292·6	292·0	- 1·0	247	+323
566	Miyako	39 38	141 59	30·4	1009·0	1012·6	- 0·9	296·0	303·2	2nd	287·1	280·9	25th	291·5	290·9	- 0·5	208	+49
		N.	E.															

SEPTEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ,	W. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·6	1016·5	1017·3	..	303·1	304·7	12th	293·4	290·2	19th	298·2	*297·6*	- 0·5	14	-104
605	Honolulu	21 19	157 52	11·6	1013·9	1015·2	- 0·6	302·1	304·1	9th	296·4	294·7	8th	299·3	*299·2*	+ 0·7	34	- 2
613	Guaymas	27 55	110 53	8·3	1007·2	1008·1	..	307·0	311·5	14th	299·1	293·5	16th	303·1	*302·9*	- 0·1	38	..
615	Leon	21 7	101 41	1809	820·3	1008·4	- 1·6	299·6	301·9	28th	286·5	282·9	22nd	293·1	*292·9*	- 0·4	86	-26
616	Monterry	25 40	100 18	528	952·3	1010·9	- 1·4	303·2	309·0	5th	294·3	291·2	21st	298·7	*299·1*	+ 0·3	257	+78
617	Tulancingo	20 5	98 22	2181	788·7	..	- 1·2	293·0	300·0	5th	284·0	278·0	25th	288·5	*287·9*	- 0·9	187	-133
618	Galveston	29 18	94 50	16·5	1012·3	1014·2	- 1·0	302·6	305·2	30th	297·3	293·6	19th	299·9	*299·8*	+ 0·5	11	+304
618a	New Orleans	29 57	90 4	16·2	1012·3	1013·9	- 1·4	302·5	306·9	4th	295·3	290·2	19th	298·9	*298·5*	- 0·2	421	-16
619	Mérida, Yucatan	20 58	89 38	22	1008·3	1010·6	- 2·4	303·7	305·8	26th	296·2	294·6	11th	299·9	*299·2*	- 0·2	130	..
620	Havana	23 7	82 25	77·0	1002·6	1011·4	- 2·5	304·0	307·5	3rd	296·8	294·8	18th	300·4	299·4	..	114	-31
620a	Key West	24 33	81 48	6·7	1011·4	1011·6	- 1·8	303·7	305·2	19th	298·2	294·7	8th	301·0	*300·8*	0·0	141	+367
621	Nassau, Bahamas	25 5	77 20	9·6	..	1012·7	- 1·7	304·1	305·6	11th	296·7	293·6	4th	300·4	*300·6*	- 0·3	589	..
622	Watling Island(San Salvador)	24 6	74 26	33·5	1010·8	1014·6	- 0·6	..	305·2	19th	..	298·0	29th,30th	..	*301·3*	- 0·3	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	305·9	309·7	9th	291·5	288·6	1st	298·7	*298·5*	+ 0·9	1	..
634a	Izaña	28 19	16 30	2367	772·2	..	+ 0·8	288·8	293·5	17th	281·5	276·0	20th	285·2	*284·9*	- 1·6	19	..
634	La Laguna	28 28	16 20	547	955·2	1017·5	+ 1·0	297·4	303·8	9th	288·4	284·8	16th	292·9	*292·3*	- 0·8	0	0
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	- 3
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642	Siwa	29 12	25 29	-23	..	..	..	309·6	315·7	26th	295·2	290·7	11th	302·4	..	..	..	..
643	Cairo (Helwan)	29 52	31 20	116	1015·0	1012·3	- 1·8	309·2	315·5	26th	291·2	287·1	22nd	300·2	*299·7*	+ 0·6	0	..
643a	Aswan	24 2	32 53	100	998·6	1011·8	- 0·5	307·5	315·4	27th	294·5	291·1	23rd	301·0	*300·5*	+ 1·8	0	0
644	Tor	28 14	33 37	1·9	997·6	1008·4	- 0·1	314·6	319·0	26th,27th	298·1	295·5	18th,25th	306·4	*305·6*	+ 2·0	..	..
					1008·4	1008·7	+ 0·3	305·7	312·6	25th	297·5	292·7	15th	301·6	*301·2*	+ 1·4	0	0
		N. ° ,	E. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

SEPTEMBER - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1006·1	1006·5	..	307·2	310·1	7th	300·6	296·6	14th	303·9	*303·4*	+ 0·6	0	0
648	Jask	25 45	57 45	4·0	1005·5	1005·9	..	306·7	310·2	5th	299·7	296·8	22nd	303·2	*302·7*	- 0·4	0	0
649	Karachi	24 53	66 57	4·0	1007·4	1008·0	+ 1·1	302·6	311·3	29th	297·2	295·3	21st	299·9	*299·6*	- 0·3	0	-11
650	Jacobabad	28 17	68 29	56·7	999·3	1005·6	+ 1·2	311·4	314·9	29th,30th	297·3	294·6	18th	304·3	*303·7*	- 0·9	0	- 5
651	Jaipur	26 56	75 52	436	960·4	1008·4	+ 2·2	308·2	311·4	28th	295·8	293·4	17th	302·0	*301·2*	+ 0·2	73	-13
652	Nagpur	21 8	79 5	310	973·2	1007·9	+ 1·4	305·0	308·9	22nd,24th	295·2	293·2	9th	300·1	*299·6*	- 0·3	345	+135
653	Allahabad	25 25	81 51	94·2	995·9	1006·5	+ 1·3	308·3	310·8	25th	298·6	295·8	30th	303·5	*303·8*	+ 1·4	82	-82
653a	Darjeeling	27 3	88 15	2265	776·6	..	+ 0·5	291·7	294·8	4th	286·1	284·4	26th	288·9	*288·7*	+ 0·1	304	-163
654	Calcutta	22 32	88 20	6·4	1006·4	1007·2	+ 1·4	305·1	306·5	13th	298·2	295·3	24th	301·9	*301·8*	+ 0·7	272	+21
655	Gauhati	26 8	91 41	59·7	1002·0	1008·6	+ 1·3	305·2	308·7	4th	297·3	295·6	17th	301·3	*300·4*	0·0	93	-81
655a	Cherrapunji	25 15	91 42	1313	867·5	..	+ 0·4	295·7	300·2	4th	290·8	289·1	18th	293·3	*293·8*	- 0·2	999	+34
656a	Akyab	20 11	92 56	6·1	1007·8	1008·4	+ 0·9	302·7	304·3	28th	298·1	296·8	4th	300·4	*300·3*	- 0·4	500	-74
656	Mandalay	21 59	96 0	†76·2	1000·3	1008·8	+ 0·5	305·9	308·4	1st	298·3	295·3	24th	302·1	*301·3*	- 0·3	202	+56
656a	Tengyueh	25 2	98 33	1626	836·1	1007·0	..	297·2	301·3	2nd	288·5	286·3	24th	292·8	*292·0*	+ 0·1	140	-48
657	♯Phu Lien	20 48	106 38	116	..	1008·9	+ 0·8	303·6	307·0	5th	297·4	295·0	19th	300·5	300·1	+ 0·2	317	+15
658	♯Moncay	21 31	107 51	9·0	..	1009·1	+ 1·2	305·1	308·5	5th	297·3	295·7	20th	301·2	*300·5*	+ 0·4	473	+154
659	Hongkong	22 18	114 10	33·2	..	1009·8	+ 1·5	302·7	305·3	8th	298·4	296·6	30th	300·6	300·3	+ 0·4	274	+28
660	Amoy	24 26	118 4	4·9	1010·8	1011·3	+ 1·6	304·2	307·4	4th	300·3	297·4	8,15,30	302·3	*302·0*	+ 1·2	9	-100
661	Taihoku, Formosa	25 2	121 31	9·3	1009·8	1010·8	+ 1·6	304·0	308·3	2nd	295·0	289·7	22nd	299·5	298·9	- 0·3	79	-170
661a	Basco	20 28	121 59	18·7	..	1007·6	+ 0·9	303·1	304·4	3rd	298·0	294·6	23rd	300·5	300·1	- 0·4	331	+10
662	Naha	26 12	127 39	29·5	1005·1	1008·5	- 0·4	301·6	304·7	3rd	296·3	293·2	24th	298·9	299·0	- 0·6	363	+181
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1013·1	1013·6	+ 1·9	303·7	305·5	20th	298·1	295·4	24th	300·9	300·6	+ 0·8	114	-17
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

SEPTEMBER - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ,	W. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
716	Colima	19 12	103 45	498	955·0	1010·4	- 0·1	303·7	306·0	11th	294·1	292·4	14th	298·9	*297·8*	- 0·2	153	-35
716	Morelia	19 42	101 7	1923	808·3	1007·6	- 1·9	295·4	298·4	4th	287·0	284·3	30th	291·2	*290·8*	+ 0·5	149	+15
717	Mexico, Tacubaya	19 24	99 12	2309	773·9	..	- 0·9	294·6	297·6	26th	283·6	278·6	25th	289·1	288·1	- 0·4	93	-10
718	Salina Cruz	16 12	95 12	56	1002·9	1009·3	- 1·9	301·6	304·0	28th	295·5	293·0	25th	298·5	*299·1*	- 1·0	135	-42
719	San Salvador	13 42	89 13	682	935·1	1010·7	- 1·0	303·8	308·0	3rd,27th	291·9	290·0	17th,30th	297·9	*295·5*	- 0·6	492	+199
720	Belize	17 31	88 11	5·2	1008·8	1009·4	- 2·1	..	..	..	..	..	..	..	‡*299·1*	+ 0·2	146	-84
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1011·8	- 0·4	303·6	306·9	sev.dates	295·9	293·8	2nd	299·9	*299·5*	- 0·1	114	-56
722	Port au Prince	18 33	72 20	37·4	1008·3	1012·6	- 0·6	305·2	307·4	3rd,14th	295·1	293·0	17th	300·2	*300·0*	0·0	174	-11
723	♯Caracas	10 30	66 56	1043	899·6	1013·8	..	299·7	303·1	6th	289·2	287·6	2nd	294·4	*293·2*	- 0·1	107	+ 4
724	San Juan, Porto Rico	18 29	66 7	25·0	1010·5	1013·2	- 0·7	302·5	304·1	18th	296·7	293·6	16th	299·6	*299·2*	- 0·2	148	-25
724a	Grenada (Richmond Hill)	12 5	61 46	188	990·6	1012·2	0·0	303·4	304·7	21st,29th	296·0	294·7	3rd	299·7	*299·1*	- 0·1	358	+155
725	Barbados	13 8	59 36	57·9	..	1012·5	- 0·2	303·1	304·2	21st	296·7	295·1	12th	299·9	*299·8*	+ 0·2	166	-26
731	São Vicente, C. Verde Is.	16 54	25 4	11	1010·9	1012·1	- 1·0	302·1	304·5	12th	298·0	296·0	22nd	300·1	*299·9*	+ 0·9	30	-18
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·2	1013·1	- 0·4	302·1	303·2	1st,30th	297·4	296·0	30th	299·7	*299·8*	- 0·3	34	-66
733	♯Dakar	14 40	17 26	32	..	1012·0	..	305·7	309·3	30th	297·7	294·2	19th	301·7	*300·2*	+ 0·6	102	-34
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·5	304·1	21st	293·6	291·3	16th,19th	298·1	*298·5*	- 1·5	320	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	314·3	316·0	3rd	297·0	294·0	6th	305·7	*304·7*	..	29	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	306·5	309·1	16th	295·1	292·4	20th	300·8	*300·0*	+ 0·2	105	-14
738	Kaduna Capital	10 32	7 25	7637	..	..	..	302·3	304·1	19,26,29	..	..	..	..	‡*296·3*	- 0·1	351	+59
739	Hadeija	12 40	10 5	?	..	..	..	307·6	310·8	4th,7th	293·6	289·7	9th	300·6	*299·8*	0·0	24	-50
740	Maiduguri	11 47	13 11	361	..	..	..	305·9	311·9	29th	295·1	294·1	1,12,28	300·5	*299·8*	- 0·5	119	+16
741	♯El Fasher	13 32	25 18	730	926·5	1007·1	..	308·3	312·5	28th	290·6	288·5	17th,21st	299·4	*298·2*	- 1·4	88	+57
743	El Obeid	13 11	30 14	563	946·0	1008·7	+ 2·0	307·7	310·4	25th	293·8	291·3	22nd	300·8	*299·8*	0·0	68	-12
743a	Khartoum	15 37	32 33	390	964·8	1007·8	+ 0·5	311·1	314·8	28th	298·4	294·4	22nd	304·8	*304·8*	0·0	4	-14
744	Port Sudan	19 37	37 13	5·5	1008·0	1008·7	+ 1·3	311·2	314·5	7th	299·9	297·0	25th	305·6	*305·0*	+ 0·5	0	0
745	♯Berbera, Somaliland	10 22	45 2	13·8	1004·9	1006·4	- 0·1	311·2	315·2	8th	301·8	300·2	23,29,30	306·5	*306·3*	- 0·1	0	- 2
746	Aden	12 45	45 3	29·9	1004·7	1008·1	+ 0·2	307·4	309·8	10th	301·7	300·1	2nd	304·5	*304·1*	+ 0·4	0	- 4
761	Bombay	18 54	72 49	11·3	1008·2	1009·5	+ 0·1	303·6	307·9	26th	297·7	295·9	7th	300·7	300·1	+ 0·5	142	-125
762	Kodaikanal	10 14	77 28	2343	770·5	..	+ 0·2	291·5	294·4	11th	284·3	282·9	2nd	287·9	287·1	+ 0·7	218	+34
762a	Bangalore	12 59	77 38	921	909·2	1009·1	+ 0·2	302·8	305·9	13th	292·2	289·9	9th	297·5	*296·4*	+ 1·3	154	-24
763	Madras	13 4	80 14	6·7	1007·3	1008·1	- 0·2	306·8	311·2	5th	298·4	295·7	16th	302·6	*301·9*	+ 0·1	187	+80
764	Vizagapatam	17 42	83 19	11·6	1005·9	1007·2	+ 1·1	303·9	306·2	2nd	299·1	297·0	12th,16th	301·5	*300·9*	- 0·4	152	-14
765	Port Blair	11 40	92 40	18·0	1007·4	1009·4	0·0	302·8	304·4	21st	298·2	295·9	2nd	300·5	*299·9*	+ 0·4	173	-286
766	Rangoon	16 46	95 48	5·5	1008·9	1009·6	+ 0·5	303·8	306·9	29th	298·1	296·3	9th	300·9	*300·0*	+ 0·7	230	-158
767	Cap St. Jacques	10 20	107 5	180	..	1009·6	..	301·3	304·2	23rd	296·1	294·4	18th	298·7	*298·3*	- 0·3	244	+64
768	Khatrang	12 15	109 12	3·6	..	1007·5	..	304·2	306·4	8th	296·9	295·8	1st	300·6	*300·1*	- 0·2	111	-57
769	♯Bolinao	16 23	119 53	2	..	1006·5	+ 0·4	304·2	305·5	22nd,30th	298·1	296·8	7th	301·1	*300·7*	+ 0·7	147	-346
761	Vigan	17 34	120 23	12·2	..	1006·3	- 0·4	304·6	307·3	18th	297·5	295·9	24th	301·1	300·5	+ 0·4	209	-260
761a	Manila	14 35	120 59	14·2	..	1007·1	- 0·1	303·7	306·0	14th	296·9	295·5	25th	300·3	299·8	0·0	348	- 9
762	Ormoc	11 0	124 36	5·6	..	1007·3	- 0·1	304·8	306·2	30th	296·3	295·1	25th	300·5	*300·1*	+ 0·4	175	-105
765	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·9	+ 0·7	303·8	305·4	25th,26th	297·3	295·2	16th	300·5	*300·6*	+ 0·3	446	+68
766	Saipan	15 14	145 46	207	988·6	1006·8	..	301·0	302·5	28th	296·4	294·0	15th	298·7	298·6	..	438	..
		N. ° ,	E. ° ,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·9	1011·6	+ 0·2	305·0	306·9	15th	298·2	294·7	13th	301·6	*301·1*	+ 0·6	52	-29
821	Cristobal	9 23	79 54	11·0	..	1009·3	- 0·6	304·1	306·3	22nd	297·1	295·2	16th	300·6	299·3	+ 0·9	201	-117
822	Bogota	4 36	74 5	2645	746·0	..	- 0·1	292·4	294·6	5th,25th	282·7	279·5	24th	287·6	*286·9*	+ 0·3	52	- 9
822a	Merida, Venezuela	8 36	71 9	1641	‡ 841·0	..	..	297·7	300·2	6th	288·0	287·0	29th	292·8	*291·5*	- 0·1	168	- 1
823	Ciudad Bolivar	8 9	63 33	38	1006·2	1010·5	..	304·9	306·4	22nd,29th	297·0	295·0	4th	300·9	*300·4*	- 0·3	111	+19
824	El Peru, Guayanavieja	7 19	61 49	220	985·4	1010·0	- 0·1	305·1	306·8	2nd	294·8	293·3	4th	299·9	*299·2*	+ 1·0	273	+159
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·4	- 0·3	303·6	304·7	23rd	297·4	295·2	4th	300·5	*300·0*	+ 0·1	67	-14
826	Paramaribo	5 49	55 9	3·7	1011·5	1011·9	- 1·0	306·3	308·0	26th	296·2	295·1	2nd	301·5	*301·4*	+ 0·8	71	- 2
826	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	22	- 9
831	10°-5°N. 30°-25°W.	††7 3	††27 0	§(81-104)	..	1013·5	♯ 0·5	..	..	Sea Temp.	299·4	-0·4	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	299·0	- 0·4	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1005·7	1013·6	+ 1·4	301·3	304·1	23rd	295·4	294·1	10,19,21	298·3	*297·6*	- 0·9	692	-31
835	Assuantsi	5 18	1 15	97·3	1000·9	1012·1	..	300·2	302·4	20th	294·3	293·0	20th	297·3	*296·7*	- 0·2	63	-21
836	Accra	5 33	W. 0 12	17·7	1010·9	1013·0	+ 0·1	299·7	300·8	19,20,30	295·4	294·1	3rd,21st	297·6	*297·2*	- 0·5	7	-23
837	Lagos	6 27	E. 3 24	3·0	1011·9	1012·3	+ 0·1	301·8	304·1	28th	296·1	294·1	15th,22nd	298·9	*298·3*	0·0	79	-63
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	301·7	304·1	..	295·1	293·6	..	298·4	*297·9*	..	833	+424
839	♯Yola	9 12	12 30	259	..	..	..	304·4	306·1	11th	294·6	289·9	8th	299·5	*298·9*	+ 0·3	207	+ 3
841	Wau	7 42	28 3	440	960·7	1009·8	- 0·3	305·2	309·0	17th,19th	292·0	290·5	22nd,23rd	298·6	*297·4*	- 0·3	197	+44
843	Malakal (Kodok)	9 35	31 37	394	965·8	1009·9	0·0	306·6	308·8	23rd	295·2	293·5	7th	300·9	*299·5*	+ 0·8	75	-62
843a	Mongalla	5 11	31 47	448	959·8	1010·0	- 0·3	307·7	310·7	17th	292·9	291·3	1st	300·3	*298·4*	+ 0·2	114	- 5
844	Entebbe	0 5	32 29	1171	884·2	1010·4	+ 0·2	299·7	302·4	28th	289·5	288·0	12,23,26	294·6	*294·3*	+ 0·7	88	+11
845	Sheikh	9 55	45 15	1463	..	..	..	301·3	303·6	6th	289·7	285·8	29th	295·5	..	..	130	+50
851	Minicoy	8 17	72 49	2·7	1010·6	1010·8	- 0·8	302·9	304·6	5th	298·1	296·3	21st	300·5	*299·9*	..	186	+23
851a	Cochin	9 58	76 21	2·7	1010·4	1010·3	- 0·4	301·4	303·3	25th	296·8	295·1	3rd	299·1	*298·5*	- 0·5	400	+172
852	Colombo Observatory	6 54	79 52	7·3	..	1009·6	- 0·1	302·2	303·6	13th	297·6	295·8	22nd,30th	300·3	*299·7*	+ 0·2	255	+134
853	Nuwara Eliya	6 56	80 46	1881	813·7	1011·7	+ 0·9	292·5	295·2	13th	284·6	281·0	13th	288·5	*287·8*	0·0	278	+73
854	Trincomalee	8 35	81 15	30·2	..	1006·7	- 0·1	305·5	308·4	6th	297·4	295·4	25th	301·5	*300·9*	- 0·4	190	+71
855	Kuta Raja	5 32	95 20	7·1	..	1009·1	- 0·6	..	..	..	..	..	..	..	..	..	181	+12
856	Medan	3 35	98 41	25	..	1009·6	- 0·1	303·3	307·1	1st	295·3	294·3	25th	299·5	298·9	+ 0·5	243	+33
857	Penang	5 34	100 20	5·0	..	..	..	305·1	309·7	2nd	..	..	..	..	..	..	466	+61
858	Singapore	1 18	103 51	10·9	..	..	..	303·9	305·6	24th	296·9	295·2	5th	300·4	*299·9*	+ 0·1	172	0
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	999·3	1009·7	- 0·3	303·7	305·8	sev.dates	296·8	294·1	5th	300·2	299·7	..	183	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·8	305·8	4,8,12	296·3	295·8	10th,11th	300·8	*301·2*	+ 0·2	166	-71
860	♯Iwahig	9 44	118 38	14·3	..	1007·5	+ 0·1	303·8	305·8	6th	295·5	294·2	9,13,21	299·5	*299·3*	+ 0·2	236	+ 2
861	Tagbilaran	9 38	123 51	21·3	..	1007·8	- 0·2	304·7	306·3	30th	297·1	295·9	21st	300·9	300·0	- 0·3	117	-39
861a	Menado	1 30	124 50	8·5	..	1008·4	0·0	304·3	307·1	5th	295·5	293·3	25th	299·9	299·5	- 0·2	138	+81
862	Surigao	9 48	125 29	6	..	1007·9	- 0·1	304·3	306·9	29th	297·5	296·0	19th	300·9	300·6	+ 0·2	30	-133
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·5	+ 1·6	304·1	306·3	13th	297·3	295·5	2nd,9th	300·7	299·6	- 0·3	271	-53
864	Palau	7 20	134 29	31·8	1005·9	1009·5	..	303·1	304·6	13th	297·4	295·7	16th	300·3	300·0	..	374	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·4	1009·8	..	302·8	304·3	10th	295·3	294·8	12th,25th	299·3	298·9	..	396	..

SEPTEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32 S.	172 31 W.	1·8	..	1011·2	..	302·7	304·0	17th	300·1	297·7	26th	301·4	..	..	168	..
920	Lambayeque	6 46	80 55	15	1011·8	1013·6	..	299·6	301·2	29th	286·5	283·5	6th	293·1	291·7	..	1	..
921	Quito	0 14	78 30	2816	728·1	..	+ 0·2	295·0	297·7	24th	280·3	277·6	30th	287·7	285·9	- 0·2	54	-29
924	Manaos	3 8	60 1	43·8	..	..	..	306·7	308·4	6,7,15	295·5	293·8	8th	301·1	*300·9*	+ 0·3	61	+15
926	Taperinha	2 30	54 20	21·0	1009·1	1011·6	0·0	305·5	307·0	26th	295·7	294·0	5th	300·6	*299·5*	+ 0·2	59	+23
927	Turyassu	1 43	45 26	9·1	1010·7	1011·8	- 0·1	305·3	307·3	26th	295·5	294·5	3rd	300·4	*299·6*	+ 0·1	2	-14
928	Barra do Corda	5 30	45 16	81·0	1000·2	1009·3	- 1·0	307·1	309·4	26th	293·6	290·7	7th	300·4	*299·5*	0·0	56	+31
929	Quixeramobim	5 16	39 15	207	989·8	1013·1	+ 0·2	306·2	306·6	26th	297·3	296·4	1st	301·2	*300·3*	0·0	0	- 2
930	Fernando Noronha	3 50	32 25	106	1001·3	1014·0	- 0·2	300·5	301·7	28th	296·5	294·4	20th	298·5	*297·8*	+ 0·2	12	- 1
934	♯Ascension Island	7 56	W. 14 25	16·8	1015·3	1017·1	+ 0·9	299·4	300·8	11th,13th	294·4	293·6	16th	296·9	*296·6*	- 0·3	2	- 6
939	Loanda	8 49	E. 13 13	59·3	..	1013·2	- 1·1	296·9	299·1	25th	292·3	290·5	4th	294·3	294·1	- 0·2	5	+ 3
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·4	297·5	..	282·8	279·4	..	288·5	*289·5*	..	141	..
943	Masaka	0 20	31 44	1280	..	..	..	300·0	302·4	13th	289·7	288·6	sev.dates	294·9	..	..	80	+ 1
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	822·1	1015·6	..	294·4	298·0	24,27,29	284·4	281·3	18th	289·4	288·7	- 0·3	62	+24
944a	Zanzibar	6 10	39 11	17·1	1015·2	1017·2	- 0·5	301·8	303·7	30th	296·3	294·2	4th	299·1	*298·1*	+ 0·5	18	-35
945	Lamu	2 16	40 50	3·0	..	..	..	300·3	301·9	9th	296·3	293·5	17th	298·6	*298·2*	- 0·6	137	+104
947	Seychelles, Port Office	4 37	55 27	4·6	1012·4	1012·6	- 0·2	300·7	301·6	8th	296·6	294·8	24th	298·6	*297·9*	- 0·4	37	-109
957	Padang	0 56	100 22	6·7	..	1011·0	+ 0·3	302·7	304·1	14th	296·1	294·9	29th	299·4	298·9	- 0·2	563	+156
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	- 0·2	305·1	306·4	25th	296·3	294·8	12th	300·7	300·3	+ 0·8	3	-70
958a	Pontianak	0 1	109 20	2·6	..	1009·3	- 0·5	304·8	307·2	5th	297·2	295·8	29th	300·9	300·0	+ 0·3	443	+224
959	Pasuruan	7 38	112 55	5·0	..	1010·6	- 0·3	304·2	306·5	30th	294·9	292·7	12th	299·5	299·8	0·0	0	- 6
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	- 12
962	Amboina	3 42	128 10	4·2	..	1011·0	+ 0·3	301·0	302·8	28th	297·0	296·0	2nd	299·0	298·7	+ 0·4	326	+84
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	55	-70
965	Daru	9 4	143 13	7·6	..	..	..	300·8	..	..	..	..	..	..	..	..	36	- 3
966	Port Moresby	9 29	147 9	38·4	..	1011·8	0·0	300·2	..	..	296·6	..	..	298·7	*298·3*	- 0·1	15	-14
967	Rabaul	4 9	152 12	12·5	1008·1	1009·5	+ 0·1	305·4	307·3	16th	295·8	294·8	6th	300·5	*299·9*	- 0·2	116	+31
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·7	304·1	1,8,11	297·3	294·7	3rd	300·3	*300·1*	+ 0·1	79	-115
970	Ocean Island	0 52	169 35	39·6	1005·6	1010·4	- 0·2	306·1	308·6	27th	299·2	296·9	11th	302·7	*302·0*	+ 1·5	28	-69
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.

†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·5	- 0·5	301·8	304·2	18th	295·9	293·8	4th	298·9	298·9	- 0·2	58	-72
1003	♯Alofi, Niue Island	19 2	169 55	19·8	..	..	..	299·8	301·3	14,17,28	292·3	288·5	23rd	296·1	*295·9*	- 0·7	82	-26
1021	Lima	12 5	77 3	111	999·2	1012·4	..	292·5	296·0	28th	286·5	285·8	5th,9th	289·5	288·3	..	7	..
1022	Arica	18 28	70 20	5	1016·0	1016·5	..	..	..	..	286·1	284·0	23rd	..	*290·2*	..	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·1	..	- 1·0	291·2	295·2	28th	275·8	273·9	27th	283·5	*282·1*	- 0·4	11	-17
1025	Corumba	18 59	57 39	116	997·5	1010·6	0·0	305·0	310·8	18th	292·8	285·8	27th	298·9	*298·6*	+ 0·5	101	+32
1026	Cuyaba	15 36	56 6	165	991·5	1010·2	- 0·1	307·5	311·5	3rd	293·9	288·3	25th	300·7	*299·4*	- 0·1	60	+ 9
1027	Bello Horizonte	19 56	43 56	895	915·9	1017·5	0·0	301·5	308·5	3rd	290·8	287·7	18th	296·2	..	..	8	-27
1028	Caetite	14 3	42 37	897	917·4	1015·9	+ 1·1	301·0	305·7	25th	288·2	286·2	3rd	294·6	*295·2*	+ 0·2	12	- 7
1029	Ondina (Bahia)	13 0	38 31	46·6	1010·7	1016·2	+ 0·3	299·5	300·3	5th	295·2	293·9	29th	297·7	*297·9*	+ 1·2	81	+ 1
1030	Aracaju	10 55	37 3	6·1	1016·7	1017·5	+ 1·0	300·0	300·8	25th	294·9	292·4	4th	297·4	*297·3*	..	95	..
1035	St. Helena	15 57	W. 5 40	579	948·9	1016·7	+ 0·6	..	..	..	284·6	284·1	sev.dates	..	*286·2*	- 0·3	51	..
1039	Mossamedes	15 12	E. 12 9	12·5	1014·2	1015·7	..	..	?295·5	17th	..	?284·3	4th	..	*?289·9*	- 1·0	..	..
1041	Livingstone	17 51	25 51	972	906·1	1010·3	..	307·7	312·8	25th	291·9	285·8	5th	299·8	..	..	0	..
1041a	Elisabethville	11 39	27 28	1230	877·4	1008·8	- 1·5	304·9	306·9	29th	285·5	280·9	5th	295·2	..	+ 0·7	0	- 3
1042	Gwelo	19 26	30 2	1411	..	..	..	301·9	305·2	24th,25th	285·4	279·7	5th	293·7	..	+ 1·4	0	- 4
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	855·4	1014·0	+ 0·3	300·4	303·4	24th	285·8	281·9	4,17,18	293·1	292·7	+ 0·9	0	- 7
1044	Zomba	15 23	35 18	955	908·8	1011·8	- 1·4	301·1	304·1	24th	289·7	288·3	5th,6th	295·4	*294·7*	+ 1·6	0	- 9
1045	Mossuril	14 57	40 40	15	..	1016·8	..	302·9	304·9	24th	291·4	289·1	3rd	297·1	297·4	..	16	..
1046	Antenanarivo	18 55	47 33	1375	868·2	1018·3	+ 0·4	296·6	300·9	24th	283·8	281·6	13th	290·2	289·1	+ 0·1	2	-12
1085	Cocos, Keeling Is.	12 5	96 53	4·3	1014·0	1014·7	+ 0·7	301·2	302·0	27th	296·5	294·0	11th	298·8	*298·4*	- 0·3	32	-64
1087	Christmas Island	10 25	105 43	5·5	1010·5	1011·1	+ 0·6	302·8	303·8	sev.dates	295·8	294·1	1st,2nd	299·3	*298·9*	- 0·4	14	-56
1061	Kupang	10 10	123 34	45	1006·7	1011·8	+ 0·1	306·2	308·6	27th	295·5	292·8	19th	300·9	300·1	+ 0·7	0	- 2
1061a	Derby	17 18	123 40	16·2	1012·7	1014·8	+ 1·7	306·1	311·4	21st	290·5	284·9	16th	298·3	..	- 1·1	0	0
1062	Hall's Creek	18 13	127 46	373	973·4	1015·0	+ 1·6	304·6	309·9	21st	286·1	278·5	4th	295·3	*294·8*	- 2·2	0	- 5
1063	Darwin	12 28	130 51	29·3	1009·1	1012·5	+ 0·9	305·3	307·6	10th	295·3	292·3	3rd	300·3	*299·5*	- 0·5	0	-13
1064	Daly Waters	16 16	133 23	211	989·6	1013·2	+ 1·3	307·2	311·3	21st	290·1	279·1	12th	298·6	*298·1*	- 0·9	0	- 6
1065	Palmerville	15 56	144 8	210	989·5	1013·1	+ 0·8	305·7	308·1	22nd	287·5	283·6	11th,12th	296·6	..	- 1·3	0	- 9
1066	Georgetown, Queensland	18 22	143 32	302	981·5	1015·6	+ 1·5	304·6	308·5	22nd,23rd	287·2	280·2	11th,13th	295·9	..	- 1·5	0	- 9
1066a	Willis Island	16 18	149 59	8·5	1013·9	1015·0	..	299·8	300·9	26th	294·7	292·2	12th	297·2	*297·3*	..	8	..
1067	Samarai	10 37	150 40	6·1	..	1012·9	+ 0·3	302·2	..	..	296·6	..	..	299·4	*299·2*	+ 1·0	77	-191
1072	Suva, Fiji	18 8	178 26	6·1	1013·3	1014·0	- 0·2	298·9	303·0	13th,14th	293·0	288·5	3rd	295·9	*295·7*	- 0·7	160	-35
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

SEPTEMBER - ZONE 11 (AMERICA, AFRICA).

1106	♯Rarotonga (Avarua)	21 12 S.	159 46 W.	6·1	..	..	..	297·9	299·7	6,19,30	290·6	286·3	14th,15th	294·2	*294·0*	- 0·9	93	-21
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·7	1017·5	- 0·3	289·2	290·8	sev.dates	282·8	279·6	16th	286·0	*286·0*	+ 0·3	1	- 3
1122	Antofagasta	23 42	70 24	94	1008·3	1019·6	+ 0·7	..	..	..	283·4	282·0	15th	..	*287·2*	- 0·1	0	- 1
1123	Catamarca	28 27	65 47	510	‡ 956·1	1013·3	+ 1·5	303·0	310·9	13th	285·8	275·5	25th	294·4	*293·7*	+ 2·0	12	+ 5
1124	Salta	24 46	65 28	1182	881·4	1010·2	- 0·1	298·9	308·0	30th	281·7	272·7	1st	290·8	291·0	+ 0·7	0	- 8
1125	Goya	29 9	59 15	37	1010·2	1014·8	- 0·8	298·5	306·0	29th	285·2	279·0	3rd	291·8	*291·5*	+ 1·1	57	- 3
1126	Asuncion	25 17	57 41	93	1003·8	1014·4	+ 0·9	300·0	308·1	29th	289·7	282·8	26th	294·8	*293·9*	- 0·1	336	+250
1127	Curityba	25 25	49 17	908	915·0	1017·0	- 0·1	293·8	301·1	30th	284·1	277·9	28th	288·8	*289·1*	+ 0·8	102	-20
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1014·0	1016·1	- 0·9	298·0	304·6	21st	291·9	288·6	17th	295·0	294·8	+ 0·9	29	-37
1139	Windhoek	22 34	E. 17 6	1727	830·9	1013·3	..	298·1	302·6	15th	284·3	275·1	6th	291·2	*290·5*	- 0·8	14	+12
1140	O'Okiep	29 36	17 52	933	912·4	1018·2	- 0·4	292·8	303·1	19th	281·2	274·1	2nd	287·0	*286·6*	- 0·6	14	- 1
1141	Kimberley	28 44	24 46	1218	882·1	1016·2	- 0·5	295·9	303·9	27th	283·2	277·7	8th	289·5	289·3	0·0	105	+90
1141a	Johannesburg	26 11	28 4	1806	825·4	1017·2	- 0·2	294·4	298·7	27th	283·5	276·2	7th	289·0	*288·9*	+ 0·8	77	+53
1142	Bulawayo	20 9	28 35	1349	870·1	1014·5	- 0·8	302·5	306·2	25th	286·4	280·8	6th	294·4	*294·2*	+ 1·7	0	- 4
1143	Durban	29 52	31 3	15·2	1017·7	1019·5	- 1·3	295·4	300·7	23rd	290·5	287·1	9th	293·0	*292·5*	+ 0·9	134	+53
1144	Lourenço Marques	25 58	32 36	59·5	..	1018·5	- 0·7	298·8	310·7	23rd	290·7	287·4	8th	294·8	294·2	+ 0·6	46	+21
1147	Mauritius	20 6	57 33	55·2	1013·8	1020·3	+ 0·1	297·3	298·9	12th	290·4	286·8	22nd	293·9	293·5	- 0·4	25	- 8
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

SEPTEMBER - ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	E.															
1159	Onslow	21 43	114 57	4·3	1014·4	1015·0	+ 0·5	300·3	306·3	14th	285·1	280·1	3rd	293·0	..	- 1·5	0	- 1
1160	Cue	27 27	117 52	454	967·1	1018·9	+ 2·7	297·5	305·6	17th	282·4	275·9	1st	290·0	..	- 0·3	0	- 9
1161	Nullagine	21 53	120 5	386	..	..	..	301·8	308·0	22nd	283·4	275·8	3rd	292·6	..	- 2·1	0	0
1162	Laverton	28 40	122 23	466	966·1	1019·3	+ 2·6	297·8	306·3	23rd	282·6	274·7	1st	290·2	*290·2*	+ 0·3	0	- 9
1163	Alice Springs	23 38	133 37	587	952·2	1018·7	+ 3·3	297·4	307·1	25th	280·1	271·9	4th, 5th	288·8	*288·9*	- 2·7	5	- 5
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	1000·0	1016·7	+ 2·5	301·7	308·9	20th	285·7	277·2	3rd	293·7	*293·8*	- 1·0	0	- 8
1165	Thargomindah	27 58	143 43	123	1003·8	1018·1	+ 2·3	297·6	307·7	20th	284·6	277·0	4th	291·2	*291·0*	- 0·2	24	+10
1166	Mitchell	26 32	147 52	336	979·7	1018·6	+ 1·8	298·0	304·4	26th	280·1	271·3	3rd	289·1	..	- 0·4	1	-31
1167	Rockhampton	23 24	150 30	11·3	1017·0	1018·4	+ 1·5	299·9	304·6	19th	286·4	279·1	11th	293·2	*292·3*	- 0·9	1	-33
1168	Brisbane	27 28	153 2	41·8	1015·0	1019·5	+ 2·1	296·4	302·8	18th	285·4	281·7	3rd	290·9	*290·4*	- 0·6	12	-39
1170	Norfolk Island	29 4	167 59	14·9	1019·4	1021·3	+ 1·5	291·6	294·4	2nd	286·7	283·0	19th	289·1	*288·7*	- 0·8	73	-27
		S.	E.															

SEPTEMBER - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Total	Diff. from Normal.
		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1021·0	1021·7	..	288·4	291·6	11th	283·7	282·6	27th	286·1	*286·2*	+ 0·4	46	-37
1221a	Punta Tumbes	36 37	73 6	120	1004·7	1019·3	+ 0·7	287·0	292·2	24th	278·9	275·2	23rd	282·9	*283·6*	- 0·8	86	+36
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1012·8	1017·8	- 0·3	289·6	297·5	2nd	281·4	279·6	25th	285·6	*285·6*	+ 0·2	35	0
1222a	Santiago	33 27	70 42	520	956·6	1017·9	0·0	292·2	297·7	27th	278·9	275·5	23rd	285·5	*284·6*	+ 0·4	36	+ 4
1223	Cordoba	31 25	64 12	423	965·0	1013·9	- 1·8	297·9	309·4	29th	281·6	273·4	26th	289·8	289·5	+ 1·7	8	-15
1224	Bahia Blanca	38 45	62 15	25	1012·5	1015·5	- 1·6	292·4	301·9	11th	280·2	275·3	14th, 22nd	286·3	286·0	+ 0·6	65	+25
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1013·7	1016·7	- 1·4	292·4	299·6	12th	282·0	273·5	3rd	287·2	286·8	+ 1·0	136	+60
1226	Montevideo (Prado)	34 52	56 12	24·9	1011·8	1015·1	- 2·6	291·4	299·6	12th	281·0	274·0	6th	286·2	*286·2*	+ 0·3	109	+21
1226a	Porto Alegre	30 2	W. 51 13	23·5	1013·7	1016·5	- 0·7	294·2	305·4	30th	285·3	279·0	1st	289·7	289·4	- 0·1	137	+22
1239	Cape Town	33 56	E. 18 29	12·2	1018·4	1019·9	+ 1·1	291·7	299·0	18th	284·3	276·6	2nd	288·0	*286·7*	+ 0·6	46	-11
1240	Danger Point	34 37	19 18	27·7	1017·1	1020·4	+ 2·1	290·1	294·7	30th	284·1	279·1	2nd	287·1	..	+ 0·2	11	-51
1241	Riversdale	34 6	21 16	61·0	..	..	..	293·1	301·9	18th	280·8	274·1	2nd	286·9	..	- 0·8	23	-17
1242	East London	33 1	27 54	45·4	1014·1	1019·4	- 0·2	292·8	297·2	23rd	286·4	282·4	14th	289·6	..	0·0	218	+166
1259	Perth (Observatory)	31 57	115 51	60·0	1014·3	1021·8	+ 3·8	292·6	301·1	9th	282·2	279·1	1st	287·4	*287·3*	- 0·2	71	-17
1260	Katanning	33 42	117 35	310	984·1	1020·8	+ 3·9	291·5	299·7	9th	278·5	273·7	21st	285·0	..	- 0·1	22	-27
1261	Coolgardie	30 57	121 10	423	970·9	1019·7	+ 2·9	295·9	305·1	17th	280·2	275·2	1st	288·1	*288·1*	+ 0·2	0	-16
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1020·3	1021·6	+ 4·4	293·3	300·4	14th	281·7	276·9	10th, 22nd	287·5	*287·1*	+ 0·1	23	-10
1264	Adelaide	34 56	138 35	42·7	1016·6	1021·8	+ 4·5	292·3	298·7	14th	281·4	277·0	10th	286·9	*286·7*	0·0	54	+ 2
1265	Melbourne	37 49	144 58	35·1	1016·1	1020·5	+ 4·7	289·7	295·6	26th	279·9	274·5	11th	284·8	*284·6*	- 0·5	42	-18
1266	Bourke	30 13	145 58	110	1008·9	1022·0	+ 3·3	298·1	306·9	20th, 21st	280·9	275·2	3rd, 10th	289·5	..	- 0·7	27	+ 7
1267	Sydney	33 51	151 13	42·1	1014·0	1019·0	+ 3·0	291·7	299·3	17th	282·8	279·0	3rd	287·2	*286·9*	- 0·9	40	-31
1268	Lord Howe Island	31 20	159 0	4·9	1019·5	1020·1	+ 1·6	292·4	294·4	25th	285·7	283·1	7th	289·1	..	- 0·8	322	+190
1271	Auckland	36 51	174 48	13·4	..	1017·2	+ 0·8	288·5	290·4	8th	281·1	276·2	22nd	284·8	..	- 0·8	60	-33
1272	Napier	39 29	176 55	1·5	..	..	..	288·3	292·4	2nd	278·9	273·0	12th	283·6	..	- 1·4	26	-29
		S.	E.															

SEPTEMBER - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Total	Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	176 42	45·7	..	1011·8	+ 0·4	..	..	..	..	..	..	..	..	..	24	-45
1321	∅Isla Guafo	43 34	74 45	140	999·6	1016·9	- 0·3	282·0	285·6	14th	277·5	275·4	21st	279·7	*280·5*	- 0·1	123	+47
1322	Punta Galera	40 1	73 44	40	1013·4	1018·3	+ 0·1	285·1	287·7	13th	280·6	277·4	23rd	282·9	*283·0*	+ 0·6	158	-15
1323	Sarmiento	45 34	69 0	272	978·1	1010·9	- 1·9	286·9	293·0	24th	275·9	268·9	13th	281·4	281·0	+ 0·1	10	- 1
1324	∅Puerto Madryn	42 49	W. 64 58	14	1010·4	1012·1	- 2·1	290·3	296·0	3rd, 10th	275·7	269·8	23rd	283·0	284·3	+ 0·8	1	-14
1365	∅Launceston	41 27	E. 147 10	10·1	1014·4	1015·6	+ 3·8	287·3	291·3	29th	277·9	271·4	2nd	282·6	*281·8*	- 0·7	31	-43
1366	Hobart	42 53	147 20	53·9	1008·0	1014·6	+ 3·7	287·4	291·6	16th	279·2	273·9	26th	283·3	*282·5*	- 0·2	42	-11
1369	Invercargill	46 25	168 21	3·7	..	..	..	286·4	290·8	30th	276·7	271·3	4th	281·5	..	- 0·2	102	+19
1370	Alexandra	45 15	169 24	159	..	..	..	286·3	292·6	23rd	274·8	268·8	28th	280·6	280·7	..	20	..
1371	Dunedin	45 52	170 31	6·1	..	1011·1	- 0·6	286·7	290·6	sev.dates	276·3	272·4	21st	281·5	..	- 0·4	51	-21
1371a	Christchurch	43 32	172 37	7·6	..	1011·8	- 0·1	286·6	292·7	2nd	276·2	270·4	21st	281·4	..	- 1·0	36	- 8
1372	Wellington	41 16	174 46	128	..	1014·2	+ 0·5	285·5	288·9	15th	278·7	274·1	22nd	282·1	281·6	- 1·8	84	-17
		S.	E.															

SEPTEMBER - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Total	Diff. from Normal.
		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	995·1	1001·9	- 2·2	279·6	283·0	27th	274·6	272·4	8th	277·1	*277·6*	- 0·2	190	-46
1422	Magallanes (Punta Arenas)	53 10	70 54	28	996·4	999·8	- 5·2	280·3	289·0	25th	274·3	271·0	7th	277·3	*277·3*	- 0·3	10	-16
1423	Punta Dungeness	52 24	68 26	5	999·6	1000·2	- 3·9	..	..	..	274·8	273·0	16th	..	*277·5*	+ 0·1	0	-11
1424	∅Santa Cruz	50 1	68 31	12	1002·3	1003·8	- 3·6	284·5	293·6	25th	274·1	267·0	9th	279·3	279·0	- 0·3	23	+17
1425	∅Stanley, Falkland Is.	51 42	57 51	1·8	..	999·3	- 5·8	280·7	284·1	24, 25, 26	273·2	270·2	8, 9, 10	276·9	..	0·0	53	+16
1426	Cape Pembroke	51 41	57 42	21·3	996·5	999·1	- 6·3	279·6	284·7	24th	274·3	270·8	8th, 9th	276·9	277·1	+ 0·2	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	995·7	996·2	- 3·9	275·4	284·6	26th	270·3	266·0	4th	272·9	*273·0*	- 0·2	113	+24
		S.	W.															

SEPTEMBER - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Total	Diff. from Normal.
		S.	W.															
1527	∅South Orkneys	60 44	44 39	7	988·9	989·8	- 3·7	271·8	275·2	25th	264·4	255·4	23rd	268·1	269·0	+ 3·0	26	- 3
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∅Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, OCTOBER 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF OCTOBER, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

BETWEEN LATITUDE 80° N. AND 70° N.

OCTOBER - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1005·4	- 6·9	270·3	275·2	2nd	263·2	254·1	9th	266·7	..	+ 2·5	15	- 3
125	Upernivik	72 47	56 7	19·2	1001·0	1003·4	- 5·6	268·4	272·1	15th	265·1	260·0	30th	266·7	*266·8*	- 2·2	53	+25
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1006·0	1008·2	..	263·6	272·5	7th	257·5	248·0	26th	260·5	*261·2*	..	13	..
135	Jan Mayen	70 59	W. 8 18	23·1	998·0	1000·9	- 5·6	..	276·4	7th	268·8	263·0	31st	..	*271·2*	- 1·2	43	- 4
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1002·1	1003·5	- 5·4	..	273·3	9th	263·8	256·0	27th	..	266·0	- 1·2	35	+ 5
140	Björnöen	74 28	19 17	29·2	‡ 996·7	1001·8	- 4·0	..	277·6	9th	269·7	266·7	6th	..	*271·3*	- 0·7	21	-15
141	Ingöy	71 4	24 6	4·3	999·6	1000·1	- 2·8	..	280·6	9th	274·0	269·2	20th	..	*275·9*	0·0	63	-10
142	Sletnes	71 5	28 14	10·2	999·9	1001·2	- 6·7	..	279·4	9th	272·8	266·3	23rd	..	*274·9*	..	66	..
143	Vardö	70 22	31 8	11·8	997·1	998·6	- 9·4	..	281·5	1st	274·0	267·5	23rd	..	*276·0*	+ 1·4	48	-15
147	Malye Karmakouly	72 23	52 43	15·3	1000·4	1002·3	- 5·9	..	..	..	..	..	..	..	*272·6*	+ 2·7	27	- 3
148	Waigatz	70 24	58 47	11·2	1001·9	1003·3	- 2·5	..	..	..	..	..	..	..	*273·7*	+ 2·2	44	+22
153	Dickson	73 31	80 23	13·0	1004·6	1006·2	- 1·5	271·9	276·8	5th	268·4	261·7	21st	270·2	*270·3*	+ 4·0	24	+11
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

OCTOBER - ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Total	Diff. from Normal.
		N.	W.															
201	Preobrajenye	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	270·8	278·6	8th	267·2	258·6	17th	269·0	..	..	3	..
203	Nome	64 30	165 24	6·7	1003·5	1004·0	- 0·8	273·3	284·7	1st	263·6	253·0	29th	268·4	*268·7*	- 3·0	6	-31
204	Bethel	60 45	161 47	11·6	..	999·6	..	273·5	286·3	1st	265·4	254·7	19th	269·4	..	..	2	..
205	Tanana	65 10	152 6	69·5	993·4	1001·7	- 5·5	271·9	280·6	2nd	265·5	253·0	28th	268·7	*268·4*	+ 0·8	25	- 2
206	Rampart	65 30	150 15	114	..	..	..	271·3	283·0	2nd	263·4	250·8	20, 21, 28	267·4	..	+ 0·1	46	+21
207	Valdez	61 7	146 16	122	..	..	..	279·2	287·4	4th	273·9	265·2	20th	276·6	..	..	381	..
208	Eagle	64 46	141 12	248	970·1	1001·0	- 7·6	277·9	287·4	1st	269·9	255·2	21st	273·9	*273·5*	+ 4·9	25	+ 5
209	Dawson	64 4	139 29	324	962·1	1001·7	..	277·3	287·4	1st	270·1	258·0	21st	273·7	*273·9*	+ 3·9	23	- 6
210	Mayo Landing	63 35	135 51	?579	943·1	1013·0	..	279·6	289·1	1st	270·7	260·8	18th, 21st	275·1	*275·7*	..	15	..
211	Fort Good Hope	66 15	128 38	65·2	997·9	1016·1	..	276·4	287·4	2nd	267·9	256·3	21st	272·2	..	+ 5·3	21	- 5
212	Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	276·7	..	+ 5·6	9	-25
213	Hay River	60 51	115 57	161	987·8	1007·6	..	283·0	297·4	8th	269·6	261·3	8th	276·3	*275·2*	+ 3·2	11	-12
225	Jacobshavn	69 13	51 2	31·6	996·0	1000·0	- 7·6	269·1	274·2	9th	264·2	257·3	25th	266·7	*267·4*	- 1·9	38	+14
226	Godthaab	64 10	51 43	20	..	..	..	274·3	278·6	18th	270·4	264·6	26th	272·3	*272·4*	+ 0·2	127	+64
227	Ivigtut	61 12	48 10	30·0	998·4	1002·1	- 3·3	276·7	284·4	17th	271·2	263·2	25th	273·9	*273·7*	- 0·3	168	+19
229	Angmagsalik	65 36	37 33	29·3	998·6	1002·3	- 4·5	272·9	277·5	19th	267·8	263·8	29th	270·3	*270·7*	- 1·1	71	-81
231	Stykkisholm	65 5	22 46	25	..	1000·8	- 4·3	277·5	281·4	6th	271·8	266·3	27th	274·7	*274·8*	- 1·4	63	-14
232	Vestmanno	63 24	20 17	132	..	1000·4	- 4·7	277·9	281·5	21st	273·3	267·1	24th, 26th	275·6	*276·2*	- 1·5	117	-30
233	Grimsey	66 33	18 1	22	..	..	..	275·5	279·5	5th, 31st	..	..	..	..	*273·5*	- 2·2	34	- 1
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	1000·4	- 5·9	278·1	282·2	5th, 31st	272·6	266·6	28th	275·3	*275·2*	- 1·3	75	-51
235	Højvig	62 3	6 45	22·9	995·9	998·7	- 8·9	281·0	284·9	12th	275·9	272·9	25th	278·5	*278·9*	- 1·0	276	+121
236	Lerwick	60 8	W. 1 11	18·0	..	998·3	-10·0	282·4	284·7	6, 10, 14	279·1	274·7	28th	280·7	*281·0*	- 0·2	221	+121
237	Bergen (Met.Obs.)	60 24	E. 5 19	44·4	994·9	1000·3	- 9·9	283·0	288·6	6th	278·9	274·9	16th	280·9	*280·8*	+ 0·3	420	+215
238	Aalesund	62 28	6 10	6·3	998·5	999·3	- 9·3	..	288·2	7th	278·5	275·4	16th	..	*280·6*	+ 0·1	193	+33
239	Trondhjem	63 26	10 25	59·2	992·6	999·8	-10·7	280·4	287·1	7th	275·2	272·0	26th	277·8	*278·1*	+ 0·4	111	+23
240	Bodö	67 17	14 26	17·0	997·5	999·6	- 9·2	..	283·0	8th	275·7	271·1	31st	..	*277·4*	0·0	92	-10
241	Haparanda	65 50	24 9	9·2	1001·4	1002·5	- 8·9	278·1	282·5	8th, 29th	273·4	264·0	19th	275·7	*276·0*	+ 1·6	74	+18
242	Helsingfors	60 10	24 57	11·7	1004·4	1005·8	- 8·6	282·5	286·1	2nd	278·0	269·0	18th	280·3	*280·5*	+ 2·1	108	+42
242a	Kuopio	62 55	27 40	233	976·8	1005·3	- 7·3	279·1	284·5	10th	274·7	268·5	18th	276·9	*276·5*	+ 0·3	82	+31
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1006·6	1007·4	- 4·9	..	..	..	..	..	..	..	*277·4*	+ 3·2	47	+ 7
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	999·6	1008·1	- 4·0	278·2	286·9	4th	273·8	265·2	21st	276·0	*275·6*	+ 4·1	44	+ 7
248	Tcherdyn	60 24	56 31	?208	990·7	1016·5	+ 0·7	278·2	287·4	3rd	273·0	262·0	22nd	275·6	*275·4*	+ 2·6	51	- 3
249	Berezov	63 56	65 4	46	1006·4	1012·2	+ 0·1	..	..	..	..	..	..	..	*274·3*	+ 4·8	30	+ 6
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1008·8	1014·7	+ 1·4	..	..	..	..	..	..	..	*275·5*	+ 5·0	48	+13
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1008·7	1014·4	+ 0·8	..	..	..	..	..	..	..	*270·7*	+ 4·6	65	+33
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1005·1	1019·1	+ 3·0	..	..	..	..	..	..	..	*263·9*	- 1·2	18	0
263	Verkhoiansk	67 33	133 24	100	995·9	1009·1	- 3·1	..	..	..	..	..	..	..	*258·1*	- 0·3	10	+ 3
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	..	..	..	..	..	..	..	*263·9*	- 4·3	10	- 5
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean ‡	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1002·4	- 1·1	277·1	281·9	1st	273·8	269·7	17,29,30	275·4	..	- 1·4	29	-61
303	Dutch Harbor (Radio)	53 55	166 30	4·0	997·4	997·9	- 5·2	279·7	284·1	1st	275·3	271·3	13th	277·5	*277·5*	- 0·8	291	+75
304	Chernofski Harbor	54 27	166 42	?	..	..	..	280·0	284·7	26th	273·7	271·3	14,18,22	276·9	..	..	142	..
305	Dillingham	59 0	158 28	24·4	..	..	..	278·2	291·9	2nd	267·3	258·6	29th	273·0	..	- 2·2	46	-31
306	Kodiak (Radio)	57 47	152 22	4·6	990·9	991·5	- 7·9	284·1	296·3	4th	276·8	269·7	19th	280·4	*279·9*	+ 1·5	185	+16
309	Sitka	57 3	135 19	19·8	..	..	..	284·2	288·6	23rd	278·4	271·9	20th	281·3	..	+ 0·6	450	+141
310	Prince Rupert	54 18	130 18	51·8	1005·9	1012·2	+ 0·2	284·9	289·7	22nd	280·5	275·2	28th	282·7	*282·9*	+ 1·3	311	-12
311	Barkerville	53 2	121 35	1274	..	..	..	283·6	291·9	1st,23rd	272·4	265·2	29th	278·0	..	+ 2·2	84	+ 3
312	Kamloops	50 41	120 29	385	974·1	1020·3	+ 0·2	287·5	296·9	14th	277·2	269·1	29th	282·3	*282·7*	+ 0·7	19	+ 4
313	Calgary	51 2	114 12	1058	895·3	1017·3	+ 3·3	288·4	299·7	14th	272·6	260·2	29th	280·5	*279·6*	+ 2·1	35	+18
314	Fort Chipewyan	58 43	111 9	218	982·7	1009·2	..	283·7	294·1	2nd	274·4	265·8	6th	279·1	*278·9*	+ 5·8	13	-10
315	Prince Albert	53 10	105 38	437	963·4	1016·0	+ 1·1	286·9	296·3	3rd 14th	273·3	266·3	29th	280·1	*279·4*	+ 3·5	3	-18
316	Qu'Appelle	50 30	103 47	651	941·2	1018·8	+ 3·3	285·7	298·6	17th	274·6	268·0	23rd	280·1	*279·1*	+ 2·7	54	+27
317	Minnedosa	50 15	99 50	515	956·2	1018·1	+ 2·3	285·1	295·8	17th	273·9	266·0	23rd	279·5	*278·7*	+ 1·9	25	- 1
318	Berens River	52 18	97 23	216	..	..	..	281·6	289·7	18th	269·9	261·3	8th	275·7	..	- 1·8	13	-20
318a	Port Nelson	57 0	92 51	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
319	Pagwa	50 3	85 18	189	..	..	..	281·9	298·6	1st	266·8	270·2	27th	274·3	..	- 1·5	30	-37
320	Moose Factory	51 14	80 30	9·1	1014·2	1015·3	..	..	..	..	269·8	266·3	19,25,29	..	..	..	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	276·1	283·6	15th	270·8	259·7	28th	273·4	..	- 2·4	96	+19
324	Natashquan	50 8	61 48	6·1	..	..	..	281·1	286·9	22nd	273·7	265·8	31st	277·4	..	+ 0·4	144	+45
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 2	††17 27	§(52)	..	..	..	..	..	Sea Temp. 283·0]-0·5	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1009·0	1010·7	- 1·3	285·8	289·1	14th	281·9	276·0	27th	283·9	284·0	+ 0·1	153	+ 9
335	Aberdeen	57 10	W. 2 6	26·0	998·8	1002·0	- 8·2	284·0	290·9	14th	278·2	272·1	26th	281·1	281·3	- 0·1	81	+ 4
336	Greenwich	51 28	0 0	46·3	..	1010·3	- 3·3	287·3	292·4	12th,16th	278·9	271·3	27th	283·1	283·3	+ 0·4	65	+ 1
337	Uccle	50 48	E. 4 22	100	999·6	1011·7	- 2·8	287·9	291·8	1st	279·9	274·1	27th	283·9	281·6	+ 0·7	110	+37
338	De Bilt	52 6	5 11	3·0	1009·5	1009·9	- 4·0	287·2	292·0	1st	280·3	272·8	20th	283·7	283·2	+ 0·6	147	+74
338a	Hamburg	53 33	9 58	40·3	1004·7	1009·6	- 5·1	285·6	289·3	6th	280·4	274·5	22nd	283·0	*282·7*	+ 0·6	1115	+49
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1006·2	1006·8	- 6·6	285·3	289·2	9th	280·2	275·4	21st	282·9	*282·9*	+ 2·0	102	+45
340	Potsdam	52 23	13 4	84·9	1000·3	1010·6	- 4·9	287·4	297·2	5th	279·8	274·2	28th	283·8	283·2	+ 1·8	99	+54
340a	Uppsala	59 51	17 38	24	1000·8	1003·7	- 9·4	282·6	286·4	7th	276·6	270·6	31st	279·6	279·6	+ 1·4	73	+21
341	Warsaw	52 13	21 3	89·9	1001·5	1012·4	- 6·0	288·3	297·6	6th	280·2	273·2	17th	284·3	*283·9*	..	45	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	998·1	1008·0	- 7·4	283·1	290·4	1st	277·5	269·6	17th	280·3	280·2	+ 2·3	66	+21
343	Leningrad	59 56	30 16	4·3	1007·4	1008·0	- 7·2	..	..	..	..	..	..	..	*279·9*	+ 2·2	76	+31
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	995·5	1015·5	- 3·7	..	..	..	..	..	..	..	*280·5*	+ 3·8	33	-11
345	Saratov	51 32	46 2	127	1007·5	1023·2	+ 2·3	285·7	296·2	6th	276·5	271·6	22nd	281·1	*280·9*	+ 3·4	5	..
346	Kazan	55 47	49 8	79·9	1011·0	1020·9	+ 0·9	283·5	292·4	1st	276·8	267·7	21st	280·2	*279·8*	+ 3·4	44	+ 5
347	Orenburg	51 45	55 6	109	1013·4	1027·0	+ 4·4	285·2	293·7	7th	273·1	263·5	22nd	279·2	*278·8*	+ 1·4	5	-25
348	Perm	58 1	56 16	163	999·3	1020·0	+ 2·2	280·7	290·5	2nd	274·0	265·4	21st	277·4	*277·1*	+ 3·0	49	+ 2
349	Sverdlovsk	56 50	60 38	281	986·0	1020·7	+ 3·0	..	..	..	..	..	..	..	*276·8*	+ 3·4	17	- 7
350	Tobolsk	58 12	68 14	108	1005·8	1019·3	+ 2·7	..	..	..	..	..	..	..	*275·9*	+ 2·7	32	- 1
351	Akmolinsk	51 12	71 23	347	982·8	1025·8	+ 2·2	281·7	291·2	5th	270·4	265·3	22nd,23rd	276·0	*275·5*	+ 0·6	9	-18
352	Omsk	55 1	73 19	108	1007·6	1021·1	+ 1·7	..	..	..	..	..	..	..	*276·6*	+ 2·0	26	+ 2
353	Barnaoul	53 20	83 47	158	1004·2	1024·5	+ 1·9	279·6	288·1	15th	272·9	260·7	24th	276·2	*276·2*	+ 1·8	68	+34
354	Tomsk	56 30	84 58	123	1005·6	1020·9	+ 1·0	278·5	288·0	18th	272·9	260·7	23rd	275·7	*275·2*	+ 2·3	50	- 5
355	Minousinsk	53 43	91 41	249	993·0	1023·9	+ 0·5	..	..	..	..	..	..	..	*276·5*	+ 2·2	40	+19
356	Eniseisk	58 27	92 10	81·2	1009·8	1020·1	+ 1·6	..	..	..	..	..	..	..	*273·5*	+ 1·8	30	- 9
357	Irkutsk	52 16	104 19	467	965·2	1022·9	- 0·1	..	..	..	..	..	..	..	*273·3*	+ 0·4	20	+ 2
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	33	+ 6
359	Tchita	52 2	113 30	685	936·7	1020·5	+ 0·2	..	..	..	..	..	..	..	*271·4*	- 0·1	7	- 6
360	Nertchinskii Zavod	51 19	119 37	621	943·1	1019·0	- 0·4	..	..	..	..	..	..	..	*271·5*	+ 0·1	15	+ 2
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Meteor.)	50 16	127 30	142	998·7	1016·4	- 0·7	..	..	..	..	..	..	..	*274·6*	0·0	30	+11
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1009·1	1014·4	+ 2·6	..	..	..	..	..	..	..	..	..	..	-17
366	∮Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	*274·7*	- 0·2	34	..
368	∮Petropavlovsk (Phare)	52 53	158 43	87·1	1000·4	1011·2	+ 2·5	..	..	..	..	..	..	..	*275·9*	- 0·8	48	-50
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

OCTOBER - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean ‡	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1010·1	1018·6	+ 1·7	287·9	292·4	4th	281·7	278·0	31st	284·3	*284·3*	+ 1·6	31	-34
412	Portland, Oregon	45 32	122 41	46·6	1014·0	1019·3	+ 1·2	292·8	299·7	15th	282·7	276·3	29th	287·7	*287·4*	+ 2·7	34	-49
413	Macleod	49 44	113 24	953	..	..	..	289·3	298·0	16th	275·5	265·2	29th	282·7	*282·4*	+ 2·8	44	+27
414	Helena	46 34	112 4	1253	877·2	1020·3	+ 2·4	288·1	296·9	4th	275·4	268·0	30th	281·7	*281·3*	+ 1·6	6	-16
414a	Salt Lake City	40 46	111 54	1329	870·0	1017·9	+ 1·0	291·4	300·2	5th	279·3	273·0	28th	285·7	*286·2*	+ 1·4	25	-14
415	Cheyenne	41 8	104 48	1856	815·3	1018·3	+ 1·2	287·4	298·6	5th	274·8	261·9	31st	281·0	*281·4*	+ 0·8	37	+16
416	North Platte	41 8	100 45	860	918·4	1017·9	+ 0·5	291·6	304·1	5th	277·3	269·1	25th	284·4	*284·0*	+ 1·3	41	+14
416a	Bismarck	46 47	100 38	510	956·8	1017·9	+ 1·3	288·7	301·3	5th	275·7	269·7	24th	282·2	*281·9*	+ 2·2	46	+22
417	Winnipeg	49 53	97 7	232	989·7	1018·1	..	285·9	298·6	14th	275·3	265·8	23rd	280·6	*279·7*	+ 2·8	23	-12
418	Duluth	46 47	92 6	345	975·9	1017·6	+ 1·7	285·7	300·8	15th	275·9	270·8	8th	280·8	*280·4*	+ 1·3	63	+ 1
419	Port Arthur	48 27	89 12	196	993·7	1017·7	+ 1·9	284·1	300·2	15th	275·3	268·0	9th	279·7	*279·3*	+ 1·6	69	+ 8
420	Chicago	41 47	87 35	205	992·7	1017·3	0·0	288·2	298·0	15th	281·2	274·1	23rd	284·7	*284·7*	- 1·0	78	+13
421	Toronto	43 40	79 24	116	1003·0	1017·2	- 0·6	286·2	295·2	6th	278·0	271·3	18th	282·1	*281·7*	- 0·1	62	- 3
422	∮New York (Central Park)	40 47	73 58	47·4	1011·8	1017·8	- 0·8	289·7	296·3	7th,27th	281·3	274·7	18th	285·5	285·3	- 1·0	118	+21
423	St. John, N.B.	45 17	66 4	36·3	1010·8	1015·3	..	284·5	291·3	3rd	277·5	269·1	30th	281·0	*280·8*	+ 0·6	136	+21
424	S.W.Point, Anticosti	49 24	63 33	9·1	1010·3	1011·4	..	279·9	284·7	22nd	276·3	271·9	29th,31st	278·1	*278·1*	+ 0·7	127	+37
424a	Sable Island (Main Station)	43 57	60 6	7·6	1015·4	1016·3	..	287·2	292·4	3rd	282·7	274·1	29th	284·9	*284·9*	+ 0·6	174	+48
425	Port aux Basques	47 35	59 10	9·1	1011·7	1012·8	- 1·3	283·3	290·2	4th	278·6	271·9	13th	281·2	*281·0*	+ 1·4	117	-22
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	940·6	1017·3	+ 0·4	291·7	298·4	14th	281·7	277·2	27th	286·7	*286·2*	+ 0·4	31	-15
436	Nantes	47 15	W. 1 34	36·5	1009·2	1013·6	- 1·8	289·0	295·0	1st	281·0	272·9	20th	285·0	284·3	+ 0·7	128	+32
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1007·4	1013·5	- 2·4	288·4	295·8	3rd	280·7	272·3	28th	284·6	284·2	+ 1·2	102	+47
438	Marseille	43 18	5 23	75	..	1014·1	- 0·6	293·0	297·4	16th	283·9	276·5	29th	288·4	*287·5*	- 0·3	101	+ 3
438a	Zürich	47 23	8 33	493	987·5	1015·7	- 1·7	288·1	299·4	4th	279·7	272·6	28th	283·9	283·1	+ 1·5	112	+21
439	Rome	41 54	12 29	45·5	1009·7	1015·1	- 0·7	295·0	299·8	8th	285·9	281·8	16th	290·4	*290·2*	+ 0·6	67	-61
440	Vienna	48 15	16 22	203	989·9	1014·3	- 3·2	288·1	298·2	3rd	280·3	272·5	29th	284·2	284·1	+ 1·1	41	- 6
440a	Budapest	47 31	19 1	130	999·3	1015·0	- 2·9	291·6	299·8	3rd	281·3	275·1	29th	286·5	*285·7*	+ 1·9	57	- 2
441	Sofia	42 42	23 20	550	952·8	1017·2	- 1·5	290·9	297·9	4th	280·1	273·4	1st	285·5	*285·2*	+ 1·0	60	+ 2
442	Bucharest	44 25	26 6	82	1006·9	1016·7	- 2·3	293·7	302·5	5th	281·8	276·5	1st	287·7	287·1	+ 2·5	42	- 1
443	Odessa (Observatory)	46 26	30 46	42·8	1012·3	1017·5	- 2·3	289·3	293·7	5th	284·0	276·2	17th	286·7	*286·4*	+ 2·1	84	+53
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1014·3	1018·7	- 0·1	..	..	..	..	..	..	..	*289·4*	+ 2·0	40	- 8
445	Tiflis	41 43	44 48	404	974·0	1021·4	+ 0·3	293·8	298·3	16th	283·8	278·0	24th,25th	288·7	288·0	+ 1·5	18	-19
446	Astrakhan	46 21	48 2	-20	1026·0	1023·5	+ 0·5	289·5	297·0	6th	280·7	273·3	18th	285·1	*284·5*	+ 1·8	13	+ 2
447	Fort Alexandrovsk	44 31	50 7	-23·0	1025·8	1022·9	+ 1·3	..	..	..	..	..	..	..	*285·7*	+ 1·9	5	- 8
448	Krasnovodsk	40 0	52 59	-4·6	1021·5	1021·1	+ 0·8	..	..	..	..	..	..	..	*290·4*	+ 0·4	1	- 8
449	Kasalinsk	45 46	62 7	68·7	..	..	..	..	..	..	..	..	..	..	*281·1*	+ 0·7	4	- 5
450	Tashkent	41 20	69 18	479	966·8	1023·8	+ 1·7	292·0	299·3	4th,18th	276·4	267·0	23rd	284·2	283·7	- 1·3	0	-27
451	Narynskoe	41 26	76 13	2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451a	Andijan	40 47	72 23	503	964·0	1023·5	..	293·2	298·5	4th	277·5	268·9	24th	285·4	*284·6*	..	0	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	*279·6*	..	27	-21
461	Moukden	41 48	123 23	43·3	1014·7	1020·1	+ 0·9	289·1	299·0	2nd,3rd	276·5	269·1	31st	282·8	282·1	+ 0·1	27	-12
462	Joshin	40 40	129 12	31·9	1015·4	1019·3	+ 1·3	289·4	294·9	3rd	279·7	273·4	21st	284·5	284·3	- 0·3	43	- 4
463	Yuki	42 20	130 24	63·3	1011·4	1019·2	+ 1·6	286·4	291·4	5th	278·1	272·8	31st	282·3	282·1	- 0·5	153	+79
464	Vladivostok	43 7	131 54	128	1002·7	1018·4	+ 0·2	..	..	..	..	..	..	..	*281·6*	- 0·7	119	+73
465	Ochiai	47 20	142 47	27·4	1012·2	1015·3	+ 1·6	285·0	293·7	4th	275·1	270·4	25th	280·1	280·1	+ 0·9	109	+10
466	Nemuro	43 20	145 35	26·7	1014·1	1017·4	+ 1·7	288·2	292·5	4th	280·3	274·3	23rd	284·4	284·3	+ 0·9	144	+47
466a	Syana	45 14	147 53	39·3	1011·9	1016·7	+ 1·5	285·3	291·3	4th	277·1	271·3	19th	281·5	282·1	+ 0·3	88	-22
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

BETWEEN LATITUDE 40° N. AND 30° N.

OCTOBER - ZONE 5 (AMERICA).

511	San Francisco	37 48	122 26	47·2	1010·0	1015·6	- 0·5	295·1	305·2	22nd	285·2	283·0	26th	290·5	*289·6*	+ 2·8	0	-24
512	Sacramento	38 35	121 30	21·0	1012·3	1014·5	- 0·5	299·8	307·4	5th	283·3	277·4	31st	291·8	*292·4*	+ 1·4	4	-16
513	San Diego	32 43	117 10	26·5	1010·2	1013·2	- 1·0	296·1	304·1	21st	288·5	282·4	30th	292·3	*291·7*	+ 2·0	0	- 9
514	Modena	37 48	113 54	1668	835·4	1015·9	+ 0·4	292·7	300·8	5th	273·3	264·1	31st	283·2	*283·3*	+ 1·4	3	-21
515	Santa Fé	35 41	105 57	2138	789·5	1016·3	+ 0·7	299·0	298·0	1st	276·5	266·3	30th	282·8	*282·2*	- 0·1	36	+ 8
516	Denver	39 45	105 0	1613	840·0	1018·5	+ 1·3	290·0	300·8	5th	277·3	268·0	31st	283·7	*284·3*	+ 0·4	25	0
517	Abilene	32 23	99 40	530	955·6	1016·6	- 0·4	298·3	310·2	3rd	286·1	273·0	24th	292·2	*291·2*	+ 1·0	83	+20
518	Saint Louis	38 38	90 12	173	997·0	1017·6	- 0·5	292·0	300·2	16th	283·4	274·7	23rd	287·7	*287·9*	+ 0·1	127	+55
519	Mobile	30 41	88 2	17·4	1014·8	1016·9	- 0·5	298·1	303·0	18th	288·3	280·2	25th	293·2	*292·7*	+ 0·4	114	+25
520	Nashville	36 10	86 47	166	999·2	1019·3	- 0·2	293·1	299·7	16th	283·3	276·9	24th	288·2	*288·5*	- 0·8	103	+42
521	Charleston	32 47	79 56	14·8	1015·8	1017·6	- 0·5	296·4	301·3	1st	288·4	281·3	25th	292·4	*292·5*	0·0	43	-48
522	Washington	38 54	77 3	34·1	1014·1	1017·9	- 0·7	291·6	298·5	7th	280·7	275·2	11th	286·1	*285·8*	- 0·7	122	+49
524	Bermuda	32 17	64 46	38·1	1013·6	1019·0	..	298·2	304·1	1st,2nd	292·5	291·3	28th	295·3	*295·7*	- 0·8	152	+ 4
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27 N.	31 9 W.	40	1020·3	1025·0	+ 5·5	295·5	300·1	6th	290·6	288·1	25th	293·1	292·8	+ 1·1	37	-107
531	Horta	38 32	28 38	65	1016·9	1024·7	+ 5·5	295·4	298·8	1st	290·2	287·9	4th	292·8	292·3	+ 0·2	25	-88
532	Ponta Delgada	37 44	25 40	22	1021·3	1023·9	+ 5·6	294·5	296·9	25th	290·5	288·4	26th	292·5	292·4	+ 0·6	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	109	- 7
533	Madeira (Funchal)	32 38	16 55	25	1018·1	1021·0	+ 2·9	297·1	303·0	3rd	292·4	290·2	20th	294·7	*294·7*	+ 1·5	10	-91
535	Lisbon	38 43	9 9	95	1007·4	1018·6	+ 1·9	294·8	302·2	13th	287·5	284·3	27th	291·2	291·0	+ 1·2	23	-60
535a	Melilla	35 17	2 59	40	1013·5	1018·2	..	295·7	302·4	4th	289·5	285·4	22nd	292·7	*292·6*	- 1·4	42	- 1
536	Gibraltar	36 6	5 21	27·4	..	1017·6	+ 0·3	296·2	299·7	4th	288·7	283·6	23rd	292·4	*291·5*	+ 0·3	66	-17
536a	Colomb-Béchar	31 37	W. 2 13	769	928·8	1014·5	..	299·6	305·2	10th	279·8	273·8	30th	289·6	*290·2*	- 3·3	0	-17
537	Palma	39 34	E. 2 39	23	1013·0	1015·7	- 1·3	297·1	301·8	9th	285·4	280·4	29th	291·3	*290·7*	- 0·6	86	+ 7
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	..	..
539	Tunis	36 48	10 10	75	1008·0	1016·8	..	296·9	303·7	22nd	287·1	283·8	12th	292·0	*291·8*	- 0·7	41	- 6
540	Malta	35 54	14 31	71·2	..	1016·0	+ 0·4	295·9	299·7	22nd,23rd	290·3	287·4	8,15,30	293·1	*292·2*	- 1·5	28	-45
541	Athens	37 58	23 43	107	1003·5	1016·1	- 0·8	295·3	301·0	5th	288·3	284·6	1st	291·8	291·3	- 0·6	89	+27
542	Alexandria	31 12	29 53	32·0	1012·7	1016·8	+ 0·6	300·7	305·4	27th	292·5	288·3	18th	296·6	*295·9*	- 0·5	6	0
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1015·3	+ 0·5	300·9	306·3	12th	286·2	284·1	2nd,23rd	293·6	..	- 0·5	9	-12
544	Beirut	33 54	35 28	33·7	..	1015·4	+ 0·1	299·9	303·2	12th	292·9	289·9	19th	296·4	*296·2*	- 0·4	29	-24
545	Hinaidi	33 17	44 29	32·3	1009·7	1013·5	+ 0·1	305·5	313·6	1st	289·1	285·2	31st	297·3	*297·8*	- 0·1	5	+ 2
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	♯Tehran	35 31	51 25	1220	873·3	1005·4	..	296·3	304·5	2nd	285·4	277·9	26th	290·9	*290·9*	- 0·1	0	- 9
548	Meshed	36 17	59 38	946	..	..	..	294·9	307·0	3rd	276·9	266·9	24th	285·9	..	- 0·5	18	+ 8
549	Seistan	31 0	61 30	7610	961·4	..	..	301·1	309·8	19th	285·7	277·1	17th	293·4	..	- 0·1	0	- 3
550	Quetta	30 12	67 0	1647	838·2	..	- 0·4	297·2	304·3	1st	279·2	274·2	18th	288·2	*288·2*	+ 1·3	3	- 1
551	Peshawar	34 2	71 37	355	972·5	1013·1	- 0·1	304·0	309·5	2nd	288·6	285·3	31st	296·3	*295·5*	+ 0·5	1	- 5
551a	Lahore	31 34	74 20	214	987·2	1011·7	+ 0·4	306·1	310·8	1st,2nd	290·1	285·8	27,30,31	298·1	*297·2*	- 0·1	51	+23
552	Simla	31 7	77 8	2202	783·4	..	- 0·1	290·6	293·0	15th	283·2	279·1	25th	286·9	*286·9*	- 0·3	2	- 2
552a	Leh	34 10	77 42	3503	668·7	..	- 0·3	282·7	292·9	1st	272·0	267·7	26th	277·3	*276·4*	- 2·7	..	..
559	Hankow	30 35	114 17	37·0	1016·7	1021·1	+ 0·7	295·7	300·6	9th	287·5	283·0	26th,28th	291·6	*291·2*	- 0·1	21	-64
560	Tientsin	39 9	117 9	6·4	1020·7	1021·4	+ 1·0	293·1	301·9	4th	281·7	273·4	31st	287·4	*287·3*	+ 0·3	39	+23
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1018·8	1019·6	+ 0·5	297·2	302·0	5th	285·4	279·6	21st	291·3	290·4	- 0·1	9	-70
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1011·5	1020·0	+ 1·0	292·0	299·6	3rd	282·0	276·0	21st	287·0	286·7	- 0·6	17	-24
562a	Nagasaki	32 44	129 52	133	1000·8	1016·4	- 0·4	295·4	299·6	2nd	287·5	283·1	21st	291·5	290·9	- 0·1	5	-112
563	Kyoto	35 1	135 44	42·9	1011·7	1016·8	+ 0·3	294·9	301·6	6th	285·1	279·9	19th	290·0	289·5	+ 0·8	144	+11
564	Tokyo	35 41	139 46	5·8	1016·2	1016·9	+ 0·1	293·2	300·2	5th	286·1	281·2	22nd,24th	289·7	289·5	+ 0·7	323	+136
565	Hukusima	37 45	140 28	68·5	1009·6	1017·8	+ 0·8	292·6	299·8	6th	283·4	276·2	19th	288·0	287·4	+ 0·7	127	+ 3
566	Miyako	39 38	141 59	30·4	1013·3	1017·0	+ 0·3	292·3	298·7	7th	282·2	276·7	28th	287·3	286·7	+ 1·1	89	-81

OCTOBER - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

601	Midway Island	28 13 N.	177 22 W.	5·8	1017·6	1018·3	..	302·3	304·7	1st	293·1	288·0	27th	297·7	*297·2*	+ 1·1	91	-31
605	Honolulu	21 19	157 52	11·6	1014·2	1015·6	- 0·5	301·3	302·4	23rd	295·9	292·4	5th	298·6	*298·4*	+ 0·7	76	+26
613	Guaymas	27 55	110 53	8·3	1009·9	1010·8	..	304·6	309·0	5th	295·3	288·3	31st	299·9	*299·3*	- 0·9	1	..
615	Leon	21 7	101 41	1809	821·6	1011·6	- 0·4	298·8	302·3	19th	281·8	274·7	22nd	290·3	*289·9*	- 1·1	1	-35
616	Monterry	25 40	100 18	528	954·6	1014·3	0·0	299·7	306·1	1st	290·3	283·2	24th	295·0	*294·5*	0·0	60	-12
617	Tulancingo	20 5	98 22	2181	790·0	..	- 0·4	294·9	301·4	29th	280·1	273·0	22nd	287·5	*286·2*	- 1·3	15	-48
618	Galveston	29 18	94 50	16·5	1014·9	1016·9	- 0·2	298·4	303·0	5th	293·4	287·4	24th	295·9	*295·9*	+ 0·6	102	-16
618a	New Orleans	29 57	90 4	16·2	1014·9	1016·6	- 0·3	298·4	301·9	8th	291·1	284·7	24th	294·8	*294·4*	+ 0·4	159	+71
619	Merida, Yucatan	20 58	89 38	22	1010·0	1012·5	- 1·0	303·1	305·0	29th	295·4	292·4	25th	299·3	*298·2*	+ 0·3	110	+20
620	Havana	23 7	82 25	77·0	1003·5	1012·4	- 1·0	300·9	303·7	1st	295·1	291·8	27th	298·0	297·5	..	102	..
620a	Key West	24 33	81 48	6·7	1013·1	1013·9	0·0	299·9	303·0	1st	295·3	290·6	27th	297·6	*297·5*	- 1·4	214	+72
621	Nassau, Bahamas	25 5	77 20	9·6	..	1013·7	- 0·4	300·9	304·1	22nd	295·6	292·4	27th,28th	298·2	*298·2*	- 1·3	200	+38
622	Watling Island(San Salvador)	24 6	74 26	33·5	1010·3	1014·2	- 0·1	..	303·0	2nd	..	295·2	31st	..	*299·7*	- 0·5	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	304·1	312·0	6th	291·0	288·3	26th	297·5	*294·9*	..	0	..
634	Izeña	28 19	16 30	2367	772·2	..	+ 2·9	286·8	291·8	11th	279·8	273·9	21st	283·3	*282·9*	+ 0·9	9	-30
634a	La Laguna	28 28	16 20	547	956·0	1018·5	+ 2·0	296·6	304·5	3rd	287·7	283·3	29th	292·2	*291·6*	+ 0·5	21	-34
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	304·2	308·6	8th	292·6	288·3	24th	298·4	..	..	0	0
642	Siwa	29 12	25 29	-23	1019·0	1016·3	- 0·2	303·7	307·2	26th	284·6	282·0	22nd	294·2	*293·0*	- 2·2	0	..
643	Cairo (Helwan)	29 52	31 20	116	1002·0	1015·4	+ 0·3	301·9	307·2	27th	290·0	287·2	14th	296·0	*295·7*	- 0·9	0	- 1
643a	Aswan	24 2	32 53	100	1001·1	1012·4	+ 1·0	308·4	314·0	10th	292·6	289·6	18th,20th	300·5	*299·7*	- 1·1	..	..
644	Tor	28 14	33 37	1·9	1012·2	1012·3	- 0·1	301·3	307·6	13th	290·5	288·0	18th	295·9	*296·4*	- 0·6	0	0

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal	Precipitation. Total	Precipitation. Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0 N.	50 50 E.	4·3	1012·0	1012·5	..	303·7	307·9	5th	295·5	291·4	31st	299·6	*298·9*	+ 0·2	0	- 2
648	Jask	25 45	57 45	4·0	1010·8	1011·3	..	305·8	308·4	3rd	297·3	294·8	25th	301·6	*300·9*	+ 0·2	0	- 1
649	Karachi	24 53	66 57	4·0	1011·7	1012·2	+ 0·2	303·3	305·7	6th	296·9	292·4	19th	300·1	*299·4*	+ 0·2	0	0
650	Jacobabad	28 17	68 29	56·7	1005·1	1011·5	+ 0·5	309·4	315·8	1st	292·7	287·9	20th	301·1	*300·3*	+ 0·8	1	0
651	Jaipur	26 56	75 52	436	964·1	1012·6	+ 0·7	307·5	311·4	2nd	292·1	287·3	30th	299·8	*299·0*	+ 0·5	0	- 8
652	Nagpur	21 8	79 5	310	976·9	1011·6	+ 0·1	305·7	308·0	13th,18th	292·9	288·6	31st	299·3	*298·8*	0·0	63	+10
653	Allahabad	25 25	81 51	94·2	1000·4	1011·3	- 0·1	304·9	307·3	25th	293·1	287·2	30th	299·0	*298·2*	- 0·3	47	-12
653a	Darjeeling	27 3	88 15	2265	778·1	..	- 0·2	298·6	292·7	15th	283·0	279·3	31st	285·8	*285·8*	- 0·3	913	+798
654	Calcutta	22 32	88 20	6·4	1010·4	1011·3	+ 0·2	303·7	306·4	15th	296·7	292·9	30th	300·2	*299·9*	+ 0·3	292	+186
655	Gauhati	26 8	91 41	59·7	1006·5	1013·4	+ 0·8	302·4	305·8	18th	294·8	291·3	30th	298·6	*297·9*	- 0·5	77	+ 6
655a	Cherrapunji	25 15	91 42	1313	870·5	..	+ 0·4	295·4	298·6	15th	288·9	285·0	30th	292·2	*291·6*	+ 0·3	294	-246
655a	Akyab	20 11	92 56	6·1	1010·9	1011·6	+ 0·6	304·2	306·7	14th	297·0	292·4	28th	300·6	*300·2*	- 0·1	35	-243
656	Mandalay	21 59	96 0	76·2	1003·6	1012·3	+ 0·5	306·9	308·6	21st	297·3	294·8	23rd	302·1	*301·7*	+ 0·6	121	+ 2
656a	Tengyueh	25 2	98 33	1626	835·7	1008·1	..	296·2	298·6	15th	285·1	278·6	30th	290·6	*289·8*	+ 0·8	42	-138
657	♯Phu Lien	20 48	106 38	116	..	1014·0	+ 0·3	303·3	306·6	16th	295·0	292·0	31st	299·1	298·3	+ 0·7	43	-71
658	♯Moncay	21 31	107 51	9·0	..	1013·6	+ 0·1	303·8	307·0	16th	294·4	291·3	23rd	299·1	*298·4*	+ 1·0	14	-136
659	Hongkong	22 18	114 10	33·2	..	1014·1	+ 0·4	300·0	303·1	16th	295·9	293·8	23rd	297·9	297·7	+ 0·1	4	-121
660	Amoy	24 26	118 4	4·9	1014·9	1015·4	- 0·4	301·9	305·2	6th,7th	294·4	291·9	29th	298·1	*297·9*	+ 0·5	0	-49
661	Taihoku, Formosa	25 2	121 31	9·3	1014·3	1015·4	+ 0·3	301·0	305·5	6th	292·0	287·0	29th	296·5	295·8	- 0·1	18	-104
661a	Basco	20 28	121 59	18·7	..	1010·0	- 0·5	300·8	304·2	4th	297·1	295·1	22nd	299·0	298·7	- 0·7	247	-87
662	Naha	26 12	127 39	29·5	1008·6	1012·0	0·0	298·5	301·2	6th	293·9	291·2	29th	296·2	296·2	- 0·7	116	-46
665	Titizima (Bonin Islands)	27 5 N.	142 11 E.	4·1	1011·7	1012·2	- 1·0	302·3	304·8	2nd	296·7	293·6	22nd,23rd	299·5	299·2	+ 0·7	289	+147

BETWEEN LATITUDE 20° N. AND 10° N. OCTOBER - ZONE 7.

715	Colima	19 12	103 45	498	956·3	1011·8	+ 1·0	306·0	310·0	15th	292·8	285·0	30th	299·4	*297·8*	0·0	27	-63
716	Morelia	19 42	101 7	1923	809·6	1011·0	+ 0·3	295·1	297·6	5th	283·3	278·2	31st	289·2	*288·6*	- 0·6	11	-56
717	Mexico, Tacubaya	19 24	99 12	2309	775·1	..	- 0·1	294·9	298·4	30th	279·9	276·0	5th	287·4	286·8	- 0·8	44	- 7
718	Salina Cruz	16 12	95 12	56	1003·4	1009·6	- 1·6	303·4	305·2	17th	296·0	292·2	26th	299·7	*300·1*	+ 0·2	174	+73
719	San Salvador	13 42	89 13	682	936·6	1011·9	+ 0·2	304·5	307·8	11th	292·1	289·8	26th,30th	298·3	*296·0*	+ 0·1	314	+47
720	Belize	17 31	88 11	5·2	1011·1	1011·7	0·0	..	..	..	294·7	292·6	23rd	..	‡*296·8*	- 0·9	705	+370
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1011·2	- 0·3	303·2	306·4	6th	295·9	294·1	31st	299·9	*299·5*	+ 0·2	357	+148
722	Port au Prince	18 33	72 20	37·4	1007·8	1012·1	- 0·1	305·7	308·0	16th	295·1	293·3	1st,21st	300·4	*300·2*	+ 0·8	81	-86
723	♯Caracas	10 30	66 56	1043	899·2	1013·0	..	300·7	304·5	5th	289·4	284·7	28th	295·1	*293·6*	+ 0·4	50	-47
724	San Juan, Porto Rico	18 29	66 7	25·0	1010·0	1012·8	- 0·2	302·6	305·6	15th	296·7	294·7	29th	299·6	*299·1*	0·0	54	-101
724a	Grenada (Richmond Hill)	12 5	61 46	188	990·7	1012·3	+ 1·0	303·9	305·2	15th,18th	296·6	295·2	28th	300·3	*299·7*	+ 0·6	241	+44
725	Barbados	13 8	59 36	57·9	..	1011·5	- 0·3	302·9	304·2	2nd	296·4	295·1	29th	299·7	*299·5*	+ 0·3	130	-64
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·3	1013·5	+ 0·1	301·0	302·5	4th,7th	297·5	296·5	22,28,31	299·3	*299·2*	+ 0·4	30	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·6	1013·7	- 0·1	302·2	303·7	13th	297·3	296·0	17th	299·6	*299·7*	- 0·4	34	+ 2
733	♯Dakar	14 40	17 26	32	..	1011·7	..	306·1	310·4	1st	297·9	296·1	29th	302·0	*300·7*	+ 0·9	7	-37
734	Bathurst (Cape St. Mary)	13 29	16 40	16·9	..	..	..	303·1	305·8	21st	294·3	291·9	7th	298·7	*299·1*	- 1·5	65	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	313·4	316·0	8th	293·0	289·0	13th	303·2	*302·5*	..	4	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	309·1	311·9	30th,31st	294·3	290·6	18th,27th	301·7	*301·0*	- 0·1	56	+41
738	Kaduna Capital	10 32	7 25	7637	..	..	..	303·6	306·3	31st	..	..	..	..	‡*297·6*	- 0·3	88	+18
739	Hadeija	12 40	10 5	?	..	..	..	308·6	311·3	9th	291·3	288·6	22,23,24	299·9	*299·2*	- 1·2	0	- 6
740	Maiduguri	11 47	13 11	361	..	..	..	308·3	311·3	31st	293·9	290·8	24th,28th	301·1	*300·6*	- 0·9	26	+11
741	♯El Fasher	13 32	25 18	730	927·1	1007·4	..	310·5	312·0	7,8,28	..	..	..	..	‡*297·8*	..	0	- 6
743	El Obeid	13 11	30 14	563	946·0	1007·6	+ 0·4	309·4	311·4	31st	293·3	290·7	25th	301·4	*300·7*	+ 0·1	3	-15
743a	Khartoum	15 37	32 33	390	964·8	1007·8	+ 0·4	312·0	314·5	4th	298·0	295·1	25th	305·0	*305·1*	+ 0·6	0	- 5
744	Port Sudan	19 37	37 13	5·5	1011·0	1011·6	+ 0·8	306·5	310·7	3rd	298·6	297·3	7,13,21	302·6	*302·3*	+ 0·4	1	- 9
745	♯Berbera, Somaliland	10 22	45 2	13·8	1009·2	1010·8	- 0·6	305·6	308·0	2nd	297·6	294·1	24th	301·6	*301·9*	- 0·5	0	- 3
746	Aden	12 45	45 3	29·9	1009·1	1012·5	- 0·2	305·6	308·1	15th	299·1	296·7	31st	302·4	*301·5*	+ 0·6	57	+54
751	Bombay	18 54	72 49	11·3	1010·7	1011·9	+ 0·4	304·6	307·8	31st	297·4	295·8	10th	301·0	300·6	0·0	122	+68
752	Kodaikanal	10 14	77 28	2343	771·7	..	+ 0·6	290·4	292·9	20th	284·0	282·5	28th	287·2	*286·5*	+ 0·4	231	-15
752a	Bangalore	12 59	77 38	921	911·0	1011·4	+ 0·7	301·1	303·3	18th	291·8	289·7	27th	296·4	*295·6*	+ 0·5	139	-11
753	Madras	13 4	80 14	6·7	1009·7	1010·4	- 0·1	305·2	309·1	18th	297·4	295·2	13th	301·3	*300·6*	+ 0·5	170	-126
754	Vizagapatam	17 42	83 19	11·6	1008·9	1010·2	- 0·2	303·0	307·6	11th	297·5	295·7	25th	300·3	*299·6*	- 0·6	258	+78
755	Port Blair	11 40	92 40	18·0	1009·1	1011·2	+ 0·4	302·1	304·1	26th	297·2	294·9	7th	299·7	*299·0*	- 0·8	413	+132
756	Rangoon	16 46	95 48	5·5	1011·3	1011·9	+ 0·4	304·4	306·2	28th	297·5	295·7	16th	300·5	*300·0*	+ 0·2	147	-28
757	Cap St. Jacques	10 20	107 5	180	..	1010·0	..	300·3	302·9	3rd	295·8	294·3	12th	298·1	*297·7*	- 0·8	139	-67
758	Nhatrang	12 15	109 12	3·6	..	1009·1	..	301·5	303·8	3rd,24th	295·6	293·6	22nd	298·7	*298·3*	- 0·8	327	-11
759	♯Bolinao	16 23	119 53	2	..	1008·0	+ 0·4	303·5	305·5	1st	297·6	295·7	30th	300·5	*300·1*	- 0·2	64	-101
761	Vigan	17 34	120 23	12·2	..	1007·8	- 0·7	303·8	305·6	3rd	296·4	293·5	20th,22nd	300·1	299·4	- 0·9	96	-55
761a	Manila	14 35	120 59	14·2	..	1008·5	- 0·3	303·2	305·1	1st	296·1	293·6	21st	299·7	299·0	- 0·5	255	+66
762	Ormoc	11 0	124 36	5·6	..	1007·5	- 0·4	304·1	306·1	30th	296·1	294·5	27th	300·1	*299·1*	- 0·1	438	+201
765	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·5	- 0·3	303·6	305·2	1st	297·4	295·4	21st	300·5	*300·6*	+ 0·5	238	-98
766	Saipan	15 14	145 46	207	986·2	1006·4	..	301·0	302·4	28th	296·7	294·8	4th	298·9	298·7	..	304	..

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

OCTOBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·8	1011·4	+ 0·1	305·5	308·0	4th,27th	298·3	297·4	10th,26th	302·1	*301·6*	+ 1·0	40	-54
821	Cristobal	9 23	79 54	11·0	..	1009·4	- 0·9	304·1	307·4	2nd,16th	296·9	295·2	29th	300·5	299·5	+ 1·0	349	-35
822	Bogota	4 36	74 5	2645	745·8	..	0·0	292·0	294·5	17th	283·1	281·2	7th	287·5	*287·0*	0·0	82	-81
822a	Merida, Venezuela	8 36	71 9	1641	‡ 840·8	..	..	297·8	300·7	16th	288·3	287·0	31st	293·0	*291·9*	+ 0·4	91	-152
823	Ciudad Bolivar	8 9	63 33	38	1005·5	1009·3	..	305·5	308·3	20th,21st	297·1	294·7	5th	301·3	*300·8*	+ 0·1	79	- 6
824	El Peru, Guayanavieja	7 19	61 49	220	984·7	1009·5	+ 0·2	304·0	305·3	3rd	294·9	291·9	31st	299·5	*298·9*	+ 0·7	154	+60
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·8	- 0·7	304·2	305·2	18th	297·3	294·1	20th	300·7	*300·2*	+ 0·4	15	-61
826	Paramaribo	5 49	55 9	3·7	1010·9	1011·2	- 1·0	306·8	308·2	7th	296·1	294·1	20th	301·3	*300·6*	+ 0·6	119	+47
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	4	-30
831	10°-5°N. 30°-25°W.	††7 3	††27 4	§(94-123)	..	1013·4	+ 1·2	..	..	Sea Temp. 300·0 |-0·2	..	..	..	..	299·3	- 0·2	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1005·7	1013·5	+ 1·9	302·6	304·7	26th	295·2	293·6	8th,23rd	298·9	*299·1*	- 0·8	272	-49
835	Asuuantsi	5 18	1 15	97·3	999·5	1010·6	..	302·3	303·6	sev.dates	294·0	292·4	5th,21st	298·2	*297·5*	- 0·2	90	-29
836	Accra	5 33	W. 0 12	17·7	1009·6	1011·5	0·0	301·9	303·6	14th,31st	297·1	293·6	20th	299·5	*299·1*	+ 0·3	86	+28
837	Lagos	6 27	E. 3 24	3·0	1010·2	1010·6	- 0·4	302·8	304·9	25th,26th	296·2	294·1	19th	299·5	*299·1*	0·0	153	-44
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	301·3	304·1	..	294·3	290·2	..	298·1	*297·7*	..	492	+193
839	∮Yola	9 12	12 30	259	..	..	..	305·9	309·4	31st	295·4	293·6	6th	300·6	*299·9*	- 0·1	141	+60
841	Wau	7 42	28 3	440	960·2	1009·1	- 0·4	306·9	308·0	sev.dates	292·0	290·5	4th,29th	299·4	*298·3*	- 0·2	199	+76
843	Malakal (Kodok)	9 35	31 37	394	965·0	1009·1	+ 0·1	306·7	309·5	22nd	294·9	292·2	5th	300·8	*299·4*	+ 0·1	106	+26
843a	Mongalla	5 11	31 47	448	959·2	1009·5	- 0·2	306·6	309·8	22nd	292·7	291·2	5th	299·6	*299·3*	- 0·5	116	+11
844	Entebbe	0 5	32 29	1171	883·8	1009·7	+ 0·3	300·1	301·9	13th	289·9	288·0	25th	295·0	*294·7*	+ 0·8	159	+58
845	Sheikh	9 55	45 15	1463	..	..	..	299·5	302·4	5th	283·9	277·4	31st	291·7	..	..	58	-17
851	Minicoy	8 17	72 49	2·7	1011·3	1012·0	+ 0·3	303·1	304·8	23rd	297·7	296·0	27th	300·4	*299·7*	..	100	-111
851a	Cochin	9 58	76 21	2·7	1011·9	1012·3	+ 0·8	301·9	303·6	25th,29th	297·0	294·9	1st	299·5	*298·9*	- 0·4	593	+287
852	Colombo Observatory	6 54	79 52	7·3	..	1010·8	+ 1·0	302·7	303·6	24th	296·6	294·5	28th	299·7	*299·0*	+ 0·2	120	-219
853	Nuwara Kliya	6 58	80 46	1881	814·7	1013·2	+ 1·8	293·5	295·3	20th	282·6	277·9	20th	288·1	*287·5*	- 0·3	52	-227
854	Trincomalee	8 35	81 15	30·2	..	1009·0	+ 1·0	304·1	306·6	17th	297·0	294·7	10th	300·5	*299·8*	0·0	133	-86
855	Kuta Raja	5 32	95 20	7·1	..	1009·3	- 0·8	..	..	..	..	..	..	..	..	..	145	-34
856	Medan	3 35	98 41	25	..	1010·2	- 0·1	304·0	305·7	6th	295·8	294·4	25th	299·9	299·2	+ 1·0	340	+80
857	Penang	5 34	100 20	5·0	..	..	..	303·1	306·9	25th	298·6	294·1	14th	300·8	*300·4*	+ 0·8	174	-245
858	Singapore	1 18	103 51	10·9	..	..	..	303·7	305·2	23rd	296·6	295·5	6th	300·1	*299·6*	- 0·1	186	-19
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	999·6	1009·9	- 0·1	303·4	306·3	23rd	296·3	294·7	6th,14th	299·9	299·4	..	158	..
859	Sandakan	5 50	118 7	31·7	..	..	..	303·9	305·2	11,17,30	296·5	295·2	7,8,18	300·3	*300·8*	- 0·1	381	+119
860	∮Iwahig	9 44	118 38	14·3	..	1008·0	+ 0·2	303·4	305·4	9th	295·4	293·5	25th	299·4	*299·3*	+ 0·3	168	-81
861	Tagbilaran	9 38	123 51	21·3	..	1007·9	- 0·4	304·4	306·2	17th	296·3	295·0	25th	300·8	299·6	- 0·2	133	-61
861a	Mensdo	1 30	124 50	8·5	..	1008·5	- 0·4	303·9	306·5	30th	295·1	292·7	23rd	299·5	299·2	- 0·3	81	-41
862	Surigao	9 48	125 29	6	..	1007·9	- 0·4	303·0	305·1	4th	297·7	294·9	25th	300·3	300·0	+ 0·1	237	-27
863	Kolonie, Yap	9 29	138 8	29·3	..	1008·6	+ 0·4	304·3	306·7	1st	297·7	295·7	12th	301·0	299·9	0·0	365	+77
864	Palau	7 20	134 29	31·3	1005·1	1008·7	..	302·8	304·4	31st	297·2	295·6	9th	300·0	299·9	..	506	..
867	Ponape	6 58 N.	158 13 E.	38·3	1004·7	1009·1	..	302·9	304·3	21st	296·2	294·8	4th	299·5	299·2	..	630	..

OCTOBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32 S.	172 31 W.	1·8	..	1010·5	..	302·6	304·1	20th	300·4	298·3	30th	301·5	..	..	319	..
920	Lambayeque	6 46	80 55	15	1011·1	1012·9	..	299·5	301·2	13,18,20	286·7	286·0	1,12,17	293·1	291·5	..	2	..
921	Quito	0 14	78 30	2816	727·9	..	+ 0·1	294·3	299·2	16th	280·7	277·2	7th	287·5	*285·8*	+ 0·1	136	+ 3
924	Manaos	3 8	60 1	43·3	..	..	..	306·8	309·4	20th	296·2	294·2	5th	301·5	*301·0*	+ 0·4	100	- 6
926	Taperinha	2 30	54 20	21·0	1008·3	1010·3	+ 0·2	306·1	307·8	31st	296·0	294·3	15th	301·0	*300·0*	+ 0·4	7	-39
927	Turyassu	1 43	45 26	9·1	1009·9	1011·0	0·0	305·6	307·5	30th	295·6	292·8	30th	300·5	*300·0*	+ 0·1	3	- 8
928	Barra do Corda	5 30	45 16	81·0	999·5	1008·9	- 0·9	306·9	308·8	8th,22nd	294·3	292·9	30th	300·6	*299·4*	- 0·3	27	-15
929	Quixeramobim	5 16	39 15	207	988·8	1012·0	+ 0·4	305·8	308·8	11th,20th	297·5	296·6	5th	301·6	*301·1*	- 0·1	0	- 1
930	Fernando Noronha	3 50	32 25	106	1001·1	1013·1	0·0	300·9	301·6	30th	296·7	295·4	5th,9th	298·8	*298·1*	+ 0·2	8	0
934	∮Ascension Island	7 56	W. 14 25	16·8	1013·9	1015·7	+ 0·3	299·9	302·4	16th	294·6	293·0	7th	297·3	*297·4*	+ 0·7	5	- 2
939	Loanda	8 49	E. 13 13	59·3	..	1011·5	- 1·1	299·2	301·2	28th,30th	294·7	293·4	1st,2nd	296·9	296·4	+ 0·1	2	- 4
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·1	294·8	..	283·0	281·4	..	288·1	*288·8*	..	205	..
943	Masaka	0 20	31 44	1280	..	..	..	299·4	301·9	13th	289·7	288·6	16,21,29	294·5	..	..	151	+55
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·2	1013·5	..	296·1	298·3	13th	285·7	282·4	13th	290·9	290·2	- 0·7	67	+ 7
944a	Zanziber	6 10	39 11	17·1	1013·2	1015·2	- 0·9	302·2	304·1	2nd	297·4	296·1	11th	299·8	*299·0*	+ 0·5	118	+27
945	Lamu	2 16	40 50	3·0	..	..	..	301·9	302·4	20,25,31	297·4	295·2	10th	299·7	*299·3*	0·0	20	-11
947	Seychelles, Port Office	4 37	55 27	4·6	1011·8	1012·4	+ 0·1	301·4	302·4	31st	296·2	293·9	19th	298·8	*298·1*	- 0·5	133	+ 5
957	Padang	0 56	100 22	6·7	..	1011·3	+ 0·3	302·8	304·2	17th	296·5	294·9	31st	299·7	299·0	0·0	446	-49
958	Batavia	6 11	106 50	8·0	1009·5	1010·4	+ 0·2	304·8	306·1	15th	296·7	295·8	10th	300·7	300·3	+ 0·7	58	-55
958a	Pontianak	0 1	109 20	2·6	..	1009·7	- 0·6	304·6	306·6	19th	297·2	296·3	31st	300·9	299·9	+ 0·3	241	-133
959	Pasuruan	7 38	112 55	5·0	..	1010·2	- 0·2	305·3	306·8	13th	296·0	293·5	24th	300·7	300·8	+ 0·3	0	-19
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	-48
962	Amboina	3 42	128 10	4·2	..	1010·0	- 0·1	302·8	304·5	24th	297·0	295·4	22nd	299·9	299·6	+ 0·7	137	-17
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	181	+71
965	Daru	9 4	143 13	7·5	..	..	..	302·2	..	..	296·8	..	..	299·5	*299·1*	- 0·2	28	-25
966	Port Moresby	9 29	147 9	38·4	..	..	..	302·5	..	..	296·9	..	..	299·7	*299·3*	+ 0·1	246	+214
967	Rabaul	4 9	152 12	12·5	1007·3	1008·8	- 0·3	305·3	307·3	5th	295·8	294·8	17th	300·6	*300·0*	- 0·3	274	+156
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·1	304·7	22,23,25	297·7	295·2	5th	300·4	*300·2*	0·0	248	+27
970	Ocean Island	0 52	169 35	39·6	1005·1	1010·0	- 0·5	306·3	308·0	24th,25th	299·4	298·6	14th,18th	302·9	*302·1*	+ 1·6	43	-67

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

OCTOBER - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1010·7	- 0·5	302·3	303·9	4th	296·5	294·8	13th	299·4	299·6	+ 0·3	319	+157
1003	∮Alofi, Niue Island	19 2	169 55	19·8	..	1012·1	- 2·3	300·4	303·0	28th	293·5	290·3	11th	296·9	*296·7*	- 0·7	316	+200
1021	Lima	12 5	77 3	111	998·3	1012·0	..	293·7	297·8	29th	286·2	286·0	6th	290·3	288·9	..	2	..
1022	Arica	18 28	70 20	5	1015·9	1016·4	..	..	..	..	286·1	285·0	23rd	..	*290·5*	..	0	0
1024	La Paz, Bolivia	16 30	68 8	3656	657·9	..	+ 0·1	290·9	296·4	20th	277·5	274·4	2nd	284·2	*283·4*	- 0·1	64	+19
1025	Corumba	18 59	57 39	116	996·5	1009·6	+ 0·2	305·5	311·4	13th	292·7	285·0	4th	299·1	*298·9*	0·0	123	+21
1026	Cuyaba	15 36	56 6	165	991·0	1009·5	+ 0·2	307·0	311·2	6th	294·6	287·5	4th	300·8	*299·8*	+ 0·2	140	+26
1027	Bello Horizonte	19 56	43 56	895	913·9	1014·0	- 0·2	302·3	307·0	10th	290·6	287·2	9th	296·5	*296·0*	+ 1·8	73	-56
1028	Caetite	14 3	42 37	897	915·9	1013·5	+ 0·9	303·5	309·7	15th	289·8	287·0	4th	296·6	*297·1*	+ 1·2	11	-80
1029	Ondina (Bahia)	13 0	38 31	46·6	1008·8	1014·2	+ 0·2	300·6	302·7	23rd	295·1	293·3	2nd	297·8	*297·6*	0·0	30	-89
1030	Aracaju	10 55	37 3	6·1	1014·0	1014·8	- 0·1	300·9	302·4	31st	295·4	293·1	25th	298·2	*298·0*	..	28	..
1035	St. Helena	15 57	W. 5 40	579	946·0	1015·6	+ 0·5	..	..	..	285·0	284·7	sev.dates	..	*286·5*	- 0·4	42	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	904·3	1006·3	..	310·1	312·7	7th	295·8	289·7	2nd	302·9	..	..	10	..
1041a	Klisabethville	11 39	27 28	1230	875·9	1006·0	- 1·9	305·9	308·5	7th	288·9	284·7	1st	297·3	..	+ 0·5	51	+22
1042	Gwelo	19 26	30 2	1411	..	..	..	304·1	306·9	9th	288·3	284·1	16th	296·2	..	+ 1·9	1	-18
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·7	1010·6	- 0·1	302·7	305·3	18th	288·7	284·1	16th	295·7	295·3	+ 1·1	28	- 1
1044	Zomba	15 23	35 18	955	907·1	1009·3	- 1·1	304·1	305·9	23,24,27	292·1	288·0	1st	298·1	*297·4*	+ 1·7	12	-27
1045	Mossuril	14 57	40 40	15	..	1013·8	..	305·4	307·0	9th,23rd	294·7	292·5	22nd	300·1	300·0	..	7	..
1046	Antananarivo	18 55	47 33	1375	865·7	1013·1	- 0·6	300·9	304·9	12th	287·3	281·4	1st	294·1	*292·7*	+ 1·2	50	-14
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1014·0	1014·7	+ 0·9	302·3	303·3	28th,31st	297·0	295·2	19th	299·7	*299·3*	+ 0·1	5	-88
1057	Christmas Island	10 25	105 43	5·5	1010·5	1011·2	+ 1·2	303·1	303·6	sev.dates	296·3	294·7	6th	299·7	*299·3*	- 0·5	8	-87
1061	Kupang	10 10	123 34	45	1006·2	1011·3	+ 0·2	306·8	309·2	12th	295·3	293·7	15th	301·1	300·4	+ 0·2	1	-17
1061a	Derby	17 18	123 40	16·2	1009·7	1011·8	+ 0·4	308·8	314·7	24th	294·4	290·8	13th,14th	301·6	..	+ 0·5	0	- 2
1062	Hall's Creek	18 13	127 46	373	969·9	1010·5	- 0·4	310·1	313·8	26th	294·1	285·2	13th	302·1	*301·5*	+ 0·5	0	-16
1063	Darwin	12 28	130 51	29·5	1007·4	1010·8	+ 0·5	306·7	308·9	31st	298·1	296·1	12th	302·4	*301·3*	- 0·2	15	-36
1064	Daly Waters	16 16	133 23	211	986·5	1009·6	- 0·3	313·4	314·7	22nd	295·5	286·9	13th	304·4	*303·8*	+ 1·4	5	-17
1065	Palmerville	15 56	144 8	210	987·1	1010·4	- 0·5	308·8	311·3	26th	291·1	286·4	3rd	300·0	..	- 0·2	8	-15
1066	Georgetown, Queensland	18 22	143 32	302	978·4	1011·8	- 0·6	309·1	311·8	27th	291·5	286·3	3rd	300·3	..	- 0·3	12	- 6
1066a	Willis Island	16 18	149 59	8·5	1011·7	1012·7	..	301·6	303·6	31st	296·3	294·5	1st	298·9	*298·8*	..	0	..
1067	Samarai	10 37	150 40	6·1	..	1011·2	- 0·1	..	..	..	296·9	..	..	..	*300·6*	+ 0·9	642	+420
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·9	1013·6	+ 0·4	300·5	301·9	9,20,29	294·7	291·3	1st,24th	297·6	*297·4*	+ 0·3	276	+65

BETWEEN LATITUDE 20° S. AND 30° S.

OCTOBER - ZONE 11 (AMERICA, AFRICA).

1105	∮Rarotonga (Avarua)	21 12 S.	159 46 W.	6·1	..	..	..	299·6	302·4	31st	292·7	288·6	6th	296·1	*295·9*	+ 0·4	31	-99
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·7	1017·5	+ 0·2	290·0	292·0	3rd	283·0	280·5	20th	286·5	*286·5*	0·0	1	0
1122	Antofagasta	23 42	70 24	94	1004·8	1016·0	- 2·4	..	..	..	285·1	283·0	9th,10th	..	*287·7*	- 0·9	0	- 2
1123	Catamarca	28 27	65 47	528	‡ 954·8	1012·1	+ 1·5	303·6	..	..	288·3	..	..	296·0	*295·2*	+ 0·4	36	+ 9
1124	Salta	24 46	65 28	1182	880·6	1009·1	- 0·8	299·1	307·6	19th	283·5	273·0	3rd	291·3	291·3	- 0·9	40	+ 9
1125	Goya	29 9	59 15	37	1009·2	1013·5	+ 0·2	299·1	309·0	19th	287·4	278·0	3rd	293·2	*292·8*	0·0	144	+31
1126	Asuncion	25 17	57 41	93	1001·9	1012·7	+ 0·6	301·9	309·3	13th	291·6	282·8	3rd	296·8	*295·4*	- 0·3	142	- 7
1127	Curityba	25 25	49 17	908	913·8	1015·1	+ 0·1	295·0	302·2	8th	286·5	282·5	16th	290·8	*289·7*	+ 0·8	180	+37
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1011·9	1014·0	- 0·5	298·7	307·6	20th	293·4	290·7	16th	296·0	296·1	+ 1·6	23	-60
1139	Windhoek	22 34	E. 17 6	1727	830·9	1010·4	..	301·4	304·8	4th	288·4	283·7	23rd	294·8	*294·4*	+ 0·5	27	+16
1140	O'Okiep	29 36	17 52	933	912·1	1016·4	+ 0·4	297·6	306·7	19th	282·9	276·3	8th	290·3	*290·0*	+ 0·1	1	-10
1141	Kimberley	28 44	24 46	1218	880·2	1011·7	- 0·1	301·7	305·6	27th	285·8	280·6	8th	293·7	293·6	+ 1·2	12	-13
1141a	Johannesburg	26 11	28 4	1806	824·0	1013·7	- 0·2	296·6	301·7	2nd	286·1	282·9	5th	291·3	*291·0*	+ 1·2	106	+41
1142	Bulawayo	20 9	28 35	1349	868·6	1011·0	- 0·7	304·9	307·9	9th	289·6	285·9	31st	297·3	*297·0*	+ 1·9	5	-16
1143	Durban	29 52	31 3	15·2	1015·7	1017·5	- 1·1	296·8	300·4	30th	291·4	288·6	4th	294·1	*293·5*	+ 0·9	114	-17
1144	Lourenço Marques	25 58	32 36	59·5	..	1015·9	- 1·1	299·2	304·8	30th	292·1	288·0	30th	295·6	295·2	+ 0·1	58	- 1
1147	Mauritius	20 6	57 33	55·2	1010·9	1017·3	- 0·9	299·5	302·1	20th	291·3	289·0	12th,13th	295·4	295·1	- 0·1	22	-13

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

OCTOBER – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1010·9	1011·5	- 1·2	302·9	307·6	23rd	287·8	286·3	24th	295·3	..	- 1·6	0	- 1
1160	Cue	27 27	117 52	454	962·3	1013·5	- 0·2	300·8	308·1	24th	285·9	279·7	17th	293·4	..	0·0	2	- 4
1161	Nullagine	21 53	120 5	386	..	..	..	307·2	310·8	25th	289·2	285·8	10th	298·2	..	- 0·5	0	- 4
1162	Laverton	28 40	122 23	466	961·3	1013·6	- 0·7	301·8	309·7	25th	286·1	280·7	6th	293·9	*293·8*	+ 0·6	4	- 3
1163	Alice Springs	23 38	133 37	587	948·0	1012·8	+ 0·6	303·7	310·2	23rd	288·1	280·2	11th	295·9	*295·9*	- 0·2	14	- 5
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	995·9	1012·3	+ 0·7	306·2	312·6	17th	286·0	281·0	11th	296·1	*296·1*	- 2·7	0	-13
1165	Thargomindah	27 58	143 43	123	999·8	1013·8	0·0	302·6	311·3	17th	289·2	284·1	26th	296·0	*295·7*	+ 0·3	0	-19
1166	Mitchell	26 32	147 52	336	975·7	1013·6	- 0·6	303·2	309·1	18th	285·4	279·1	23rd	294·3	..	+ 0·7	19	-19
1167	Rockhampton	23 24	150 30	11·3	1013·2	1014·4	- 1·1	303·2	308·7	28th	291·4	287·4	8th	297·3	*296·5*	+ 0·5	53	+ 9
1168	Brisbane	27 28	153 2	41·6	1011·2	1015·7	- 0·3	299·1	304·1	27th	288·3	284·7	23rd	293·7	*293·1*	- 0·4	66	+ 2
1170	Norfolk Island	29 4	167 59	14·9	1014·6	1016·6	- 1·3	294·0	297·6	30th	288·9	284·7	26th	291·4	*291·0*	+ 0·3	270	+168
		S.	E.															

OCTOBER – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 52	6	1022·7	1023·4	..	288·2	291·4	24th	283·1	280·4	5th	285·7	*285·6*	- 0·8	54	+ 7
1221a	Punta Tumbes	36 37	73 6	120	1005·2	1019·8	+ 1·9	297·1	299·0	23rd	279·2	276·0	20th	283·1	*283·5*	- 1·6	50	+31
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1013·0	1018·0	+ 0·4	290·3	295·2	31st	281·2	279·0	20th	285·7	*285·9*	- 0·8	1	-10
1222a	Santiago	33 27	70 42	520	956·4	1017·1	+ 0·5	294·4	299·2	15th	279·7	274·0	20th	287·1	*286·2*	- 0·3	13	0
1223	Cordoba	31 25	64 12	423	964·2	1012·8	- 1·0	300·0	309·9	18th	282·3	272·6	2nd	291·1	290·9	+ 0·5	34	-26
1224	Bahia Blanca	38 45	62 15	25	1011·7	1014·7	- 1·1	294·0	301·1	17th	282·5	275·0	14th	288·2	287·0	0·0	118	+69
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1012·6	1015·6	- 0·8	293·7	312·1	18th	283·8	274·3	2nd	288·8	288·4	- 0·1	100	+12
1226	Montevideo (Prado)	34 52	56 12	24·9	1010·6	1013·0	- 3·1	293·2	304·0	18th	283·6	276·9	2nd	288·8	*288·7*	+ 0·7	70	+ 9
1226a	Porto Alegre	30 2	W. 51 13	23·5	1011·7	1014·5	- 1·8	296·8	304·5	18th	288·3	283·0	15th	292·5	292·2	+ 1·0	238	+161
1239	Cape Town	33 56	E. 18 29	12·2	1018·0	1019·5	+ 2·5	294·3	303·6	19th	285·3	279·8	14th	289·8	*288·8*	+ 0·6	14	-26
1240	Danger Point	34 37	19 18	27·7	..	..	..	292·1	296·9	21st	285·3	279·7	4th	288·7	..	+ 0·3	9	-40
1241	Riversdale	34 6	21 16	61·0	..	..	..	295·6	304·3	24th	282·8	275·8	4th	289·3	..	- 0·6	18	-22
1242	East London	33 1	27 54	45·4	1012·4	1017·7	+ 0·6	293·3	296·9	21st	287·2	282·2	9th	290·3	..	- 0·3	88	+20
1259	Perth (Observatory)	31 57	115 51	60·0	1009·5	1016·5	- 0·4	294·6	304·1	11th	284·2	278·5	7th	289·5	*289·3*	+ 0·4	28	-28
1260	Katanning	33 42	117 35	310	980·0	1016·2	+ 0·5	294·6	304·1	19th	279·8	274·9	8th	287·3	..	+ 0·4	33	- 7
1261	Coolgardie	30 57	121 10	423	966·6	1014·7	- 0·1	298·9	308·0	4th	283·1	276·6	7th	291·0	*290·9*	+ 0·3	35	+17
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1016·3	1017·7	+ 2·0	296·2	304·7	16th	284·6	279·3	8th	290·4	*289·8*	+ 0·3	21	- 4
1264	Adelaide	34 56	138 35	42·7	1012·8	1018·0	+ 2·2	295·1	306·4	31st	283·4	279·0	8th	289·2	*288·9*	- 0·5	26	-16
1265	Melbourne	37 49	144 58	35·1	1012·4	1016·6	+ 1·8	292·1	301·4	6th	283·2	278·6	8th	287·6	*287·4*	+ 0·3	72	+ 6
1266	Bourke	30 13	145 58	110	1004·2	1016·9	+ 0·5	303·4	313·0	17th	285·6	279·1	10th	294·5	..	0·0	1	-23
1267	Sydney	33 51	151 13	42·1	1010·6	1015·6	+ 0·9	293·1	303·2	7th	286·2	281·6	22nd	289·7	*289·5*	- 0·8	232	+159
1268	Lord Howe Island	31 20	159 0	4·9	1015·8	1016·3	- 0·1	293·8	296·2	18th	288·0	282·4	21st	290·9	..	- 0·3	138	+ 6
1271	Auckland	36 51	174 48	13·4	..	1018·4	+ 3·1	290·9	293·3	29th	284·0	278·4	7th	287·4	..	+ 0·4	128	+34
1272	Napier	39 29	176 55	1·5	..	..	..	290·2	296·9	19th	281·9	276·3	16th	286·1	..	- 1·3	71	+13
		S.	E.															

OCTOBER – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52	176 42	45·7	..	1016·5	+ 6·4	..	..	..	..	..	..	..	..	..	23	-34
1321	∮Isla Guafo	43 34	74 45	140	1002·3	1019·4	+ 1·2	282·5	284·9	20th	277·5	275·0	5th	280·0	*280·6*	- 1·3	63	+ 3
1322	Punta Galera	40 1	73 44	40	1014·6	1019·5	+ 0·7	285·5	288·8	23rd	281·1	279·0	18th	283·3	*283·1*	0·0	58	-44
1323	Sarmiento	45 34	69 0	272	979·9	1012·4	- 0·8	290·7	295·1	9th	277·7	272·6	18th	284·2	283·7	- 0·8	9	+ 1
1324	∮Puerto Madryn	42 49	W. 64 58	14	1010·6	1012·3	- 2·2	292·9	299·6	24th	277·2	270·8	1st	285·0	286·1	+ 0·1	0	-19
1365	∮Launceston	41 27	E.147 10	10·1	1012·3	1013·5	+ 3·0	289·6	295·1	30th	280·6	275·9	22nd	285·1	*284·3*	- 0·2	53	-16
1366	Hobart	42 53	147 20	53·9	1007·0	1013·5	+ 3·4	289·2	296·9	6th	281·3	276·4	21st	285·2	*284·6*	- 0·1	38	-20
1369	Invercargill	46 25	168 21	3·7	..	..	..	288·2	293·6	7th	278·9	275·2	11th	283·6	..	0·0	17	-98
1370	Alexandra	45 15	169 24	159	..	..	..	290·8	296·3	9th	277·8	272·2	24th	284·3	284·3	..	1	-72
1371	Dunedin	45 52	170 31	6·1	..	1016·1	+ 6·2	289·1	298·0	8th	278·3	275·2	27th	283·7	..	+ 0·1	10	-42
1371a	Christchurch	43 32	172 37	7·6	..	1016·5	+ 6·6	290·0	297·8	8th	279·6	271·3	25th	284·6	..	0·0	1	-47
1372	Wellington	41 16	174 46	128	..	1018·0	+ 5·6	287·7	291·9	29th	281·2	276·3	16th	284·4	283·8	- 1·0	57	
		S.	E.															

OCTOBER – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	75 6	55	996·8	1003·5	- 2·6	280·4	282·8	26th	276·2	272·0	3rd	277·8	*278·3*	- 0·3	266	+36
1422	Magallanes (Punta Arenas)	53 10	70 54	28	997·4	1000·8	- 4·4	284·1	289·5	26th	276·2	274·0	24th	280·1	*280·0*	+ 0·4	5	-14
1423	Punta Dungeness	52 24	68 26	5	1000·6	1001·2	- 3·9	285·1	288·0	27th,29th	276·1	273·4	2nd	280·6	*279·6*	+ 0·1	0	-10
1424	∮Santa Cruz	50 1	68 31	12	1004·7	1006·1	- 2·4	289·0	294·2	9th	275·8	269·8	18th	282·4	282·6	+ 0·3	5	- 4
1425	∮Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·4	- 3·6	282·9	286·3	15th	274·3	270·8	21st	278·6	..	+ 0·4	76	+36
1426	Cape Pembroke	51 41	57 42	21·3	999·6	1002·2	- 3·2	281·4	285·8	10th	275·3	273·6	6th,18th	278·3	278·4	+ 0·2	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	1000·6	1001·1	+ 0·6	277·6	284·6	12th	272·5	267·2	9th	275·1	*275·3*	+ 0·8	100	+30
		S.	W.															

OCTOBER – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	∮South Orkneys	60 44	44 39	7	987·7	988·6	- 4·7	273·1	277·4	11th	268·1	259·5	9th	270·6	270·8	+ 1·8	13	-15
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, NOVEMBER 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF NOVEMBER, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

NOVEMBER – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·5	..	1018·6	+ 2·7	258·1	266·9	20th,21st	252·1	240·2	29th	255·1	..	- 0·4	3	- 7
125	Upernivik	72 47	56 7	19·2	1001·0	1003·5	- 5·1	265·3	270·4	26th	260·9	257·0	24th,26th	263·1	*263·3*	+ 0·4	57	+30
131	Myggbukta	73 30	21 30	3·2	..	1008·0	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1003·6	1005·9	..	265·7	273·5	23rd	258·6	245·3	17th	262·1	*262·2*	..	38	..
135	Jan Mayen	70 59	W. 8 18	23·1	995·1	998·0	- 6·2	..	277·3	21st	270·4	264·2	4th	..	*272·4*	+ 1·1	37	- 4
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1006·7	1008·1	+ 0·3	..	272·4	1st	256·5	245·0	23rd	..	260·2	- 1·1	31	+ 7
140	Björnöen	74 28	19 17	29·2	‡999·9	1005·0	- 0·1	..	275·7	15th	268·9	262·7	14th	..	*270·8*	+ 1·5	59	+30
141	Ingöy	71 4	24 6	4·3	1003·9	1004·4	+ 0·7	..	279·6	2nd	273·4	269·4	23rd	..	*275·3*	+ 1·5	47	- 9
142	Sletnes	71 5	28 14	10·2	1005·3	1006·6	+ 2·7	..	278·5	2nd	271·1	266·9	21st	..	*273·6*	..	58	..
143	Vardö	70 22	31 8	11·8	1006·5	1008·0	+ 2·5	..	278·0	13th	271·5	266·4	22nd	..	*273·6*	+ 2·7	21	-41
147	Malye Karmakouly	72 23	52 43	15·3	1007·5	1009·4	+ 5·0	..	..	..	..	..	..	..	*269·6*	+ 6·8	20	+ 4
148	Waigatz	70 24	58 47	11·2	1009·8	1011·0	+ 4·3	..	..	..	..	..	..	..	*270·0*	+ 5·9	18	+ 6
153	Dickson	73 31	80 23	13·0	1006·0	1007·7	- 0·3	264·5	272·6	1st	255·9	239·6	25th	260·2	*260·3*	+ 5·6	14	+ 4
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

NOVEMBER – ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	269·7	275·2	22nd	265·3	258·9	16th	267·5	..	..	24	..
203	Nome	64 30	165 24	6·7	1001·4	1002·4	- 3·7	270·3	273·0	12,23,25	263·7	251·3	27th	267·0	*267·3*	+ 3·2	35	+12
204	Bethel	60 45	161 47	11·6	..	999·3	..	273·6	278·2	6th,13th	267·0	256·3	17th	270·3	..	..	30	..
205	Tanana	65 10	152 6	69·5	1001·9	1010·5	+ 0·6	264·9	275·2	25th	255·3	249·7	18th	262·1	*262·0*	+ 7·2	12	- 6
206	Rampart	65 30	150 15	114	..	..	..	?263·1	?275·2	25th	?256·6	?245·2	18th	?259·8	..	+ 5·2	29	+15
207	Valdez	61 7	146 16	122	..	..	..	274·4	279·1	12th	268·9	263·0	10th	271·7	..	..	340	..
208	Eagle	64 46	141 12	248	981·5	1013·2	+ 1·2	266·4	275·8	1st	259·7	249·7	14th	263·1	*263·1*	+ 6·2	14	+.1
209	Dawson	64 4	139 29	324	974·6	1016·7	..	264·3	273·0	12th	257·2	244·1	27th,28th	260·9	*260·7*	+ 4·9	70	+41
210	Mayo Landing	63 35	135 51	?575	953·2	1027·5	..	266·0	273·6	12th	257·8	243·0	28th	261·9	*262·2*	..	34	..
211	Fort Good Hope	66 15	128 38	65·2	1010·9	1019·7	..	258·3	268·0	1st,27th	249·2	231·3	10th	253·7	..	+ 2·1	42	+15
212	Fort Simpson	61 52	121 35	129	998·6	1015·9	..	264·4	272·4	1st	256·8	251·9	20th	260·6	..	+ 2·7	37	+18
213	Hay River	60 51	115 57	161	994·4	1015·4	..	267·1	276·3	1st	257·2	246·9	20th	262·1	*261·3*	+ 2·0	43	+23
225	Jacobshavn	69 13	51 2	31·6	996·4	1000·5	- 6·3	267·8	277·9	18th	262·5	255·3	24th	265·1	*265·5*	+ 1·4	8	- 9
226	Godthaab	64 10	51 43	20	..	..	..	270·3	278·0	17th	265·9	261·8	13th	268·1	*268·3*	0·0	10	-38
227	Ivigtut	61 12	48 10	30·0	995·9	999·7	- 3·3	272·2	281·4	17th	267·6	260·7	8th	269·0	*270·5*	+ 0·6	20	-92
229	Angmagsalik	65 36	37 33	29·3	995·6	999·3	- 4·2	271·7	279·4	23rd	266·1	258·5	30th	268·9	*268·9*	+ 0·9	28	-58
231	Stykkisholm	65 5	22 46	25	..	994·0	-10·3	275·3	280·1	24th	270·6	264·3	17th	272·9	*272·9*	- 0·6	74	+10
232	Vestmanno	63 24	20 17	132	..	991·2	-10·6	277·3	281·2	24th	273·5	267·0	13th	275·4	*275·8*	+ 0·6	64	-71
233	Grimsey	66 33	18 1	22	..	994·7	-10·3	274·7	278·6	1st	..	..	..	..	*273·6*	+ 0·6	29	+ 2
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	992·2	-12·0	277·2	281·5	23rd	272·9	264·6	17th	275·1	*274·7*	+ 0·8	120	+10
235	Hjövig	62 3	6 45	22·9	989·5	992·3	-13·5	280·2	284·5	7th	276·1	271·3	18th	278·1	*278·5*	+ 0·6	206	+40
236	Lerwick	60 8	W. 1 11	18·0	..	996·9	-10·0	281·2	284·7	5th	278·7	273·0	18th	279·9	*280·1*	+ 1·1	201	+93
237	Bergen (Met.Obs.)	60 24	E. 5 19	44·4	997·4	1002·8	- 6·7	280·7	285·2	24th	276·7	271·6	19th	278·7	*278·7*	+ 1·6	312	+134
238	Aalesund	62 28	6 10	6·3	1000·3	1001·1	- 6·7	..	287·0	5th	277·0	272·1	20th	..	*279·4*	+ 1·7	85	-49
239	Trondhjem	63 26	10 25	59·2	995·9	1003·2	- 5·8	276·7	281·5	8th	272·3	268·5	29th	274·5	*274·9*	+ 1·3	31	-47
240	Bodö	67 17	14 26	17·0	1001·8	1003·9	- 1·9	..	280·3	1st	274·3	269·2	20th	..	*276·0*	+ 2·1	42	-82
241	Haparanda	65 50	24 9	9·2	1008·8	1009·9	+ 0·5	275·5	279·0	13th	271·3	261·5	21st	273·4	*273·7*	+ 5·5	94	+45
242	Helsingfors	60 10	24 57	11·7	1012·8	1014·2	+ 1·7	278·6	281·3	13th	275·7	272·1	20th	277·1	*277·3*	+ 4·2	78	+15
242a	Kuopio	62 55	27 40	233	985·0	1014·1	+ 2·7	274·9	278·0	9th,11th	271·9	267·5	6th	273·4	*273·4*	+ 3·0	59	+11
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrosavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 34	40 31	6·3	1016·4	1017·2	+ 6·0	..	..	..	..	..	..	..	*272·4*	+ 5·1	32	+ 1
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1008·7	1017·4	+ 6·4	271·6	278·9	2nd	266·2	246·8	29th	268·9	*268·9*	+ 5·1	19	- 7
248	Tcherdyn	60 24	56 31	208	996·3	1023·0	+ 5·6	270·2	280·3	2nd	266·0	243·1	29th	268·1	*267·8*	+ 3·8	27	-25
249	Berezov	63 56	65 4	46	1013·5	1019·5	+ 6·3	..	..	..	..	..	..	..	*264·9*	+ 6·3	8	-13
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Sourgout	61 15	73 24	48	1014·7	1020·9	+ 5·5	..	..	..	..	..	..	..	*264·4*	+ 5·2	28	+ 4
254	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Touroukhansk	65 47	87 57	45·0	1009·8	1015·8	- 0·9	..	..	..	..	..	..	..	*257·8*	+ 5·7	42	+22
281	Vilioujsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
282	Iakoutsk	62 1	129 43	108	1005·8	1021·3	+ 0·4	..	..	..	..	..	..	..	*239·3*	- 6·2	6	- 5
283	Verkhoiansk	67 33	133 24	100	1000·6	1015·5	- 1·0	..	..	..	..	..	..	..	*230·8*	- 5·8	3	- 4
284	Pétropavlovskoe	60 25	134 26	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
269	Neiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1007·1	1009·3	- 1·3	..	..	..	..	..	..	..	..	..	0	- 7
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	994·9	- 6·5	276·2	278·0	2nd,3rd	272·9	269·7	16th	274·5	..	+ 1·1	60	-27
303	Dutch Harbor (Radio)	53 55	166 30	4·0	997·1	997·6	- 3·2	277·7	283·0	24th	273·6	270·2	20th	275·7	*276·0*	+ 0·8	259	+86
304	Chernofski Harbor	54 27	166 42	?	..	..	..	278·1	281·9	5th	273·1	269·7	16th,25th	275·6	..	..	224	..
305	Dillingham	59 0	158 28	24·4	..	..	..	275·0	277·4	24th,30th	266·3	259·7	9th	270·7	..	+ 0·5	100	+57
306	Kodiak (Radio)	57 47	152 22	4·6	1002·9	1003·7	+ 4·2	279·7	288·6	1st	273·9	269·1	17th	276·8	*277·1*	+ 1·9	145	+ 7
309	Sitka	57 3	135 19	19·8	..	..	..	279·7	283·6	7th	274·9	269·1	19th	277·3	..	+ 0·6	527	+285
310	Prince Rupert	54 18	130 18	51·6	1015·8	1022·2	+13·3	281·6	284·1	28th	277·3	273·0	19th	279·4	*279·7*	+ 1·5	400	+63
311	Barkerville	53 2	121 35	1274	..	..	..	275·3	280·6	8th,14th	266·6	257·4	21st	270·9	..	+ 1·4	61	-26
312	Kamloops	50 41	120 29	385	981·9	1029·9	+ 7·2	277·2	284·1	15th,30th	271·7	263·6	21st	274·4	*274·7*	- 0·3	25	+ 2
313	Calgary	51 2	114 2	1058	896·7	1022·6	+ 6·5	277·9	288·6	8th	266·7	246·9	21st	272·3	*271·8*	+ 1·7	39	+22
314	Fort Chipewyan	58 43	111 9	218	986·8	1014·8	..	268·4	278·0	1st	261·3	251·3	30th	264·9	*265·1*	+ 1·7	..	..
315	Prince Albert	53 10	105 38	437	962·9	1017·8	+ 0·6	272·6	288·0	8th	264·2	248·6	21st	268·5	*269·3*	+ 2·3	21	- 3
316	Qu'Appelle	50 30	103 47	651	939·4	1020·5	+ 2·1	271·7	279·7	15th	263·0	246·9	21st	267·3	*267·2*	- 0·3	31	+ 8
317	Minnedosa	50 15	99 50	515	953·2	1018·2	+ 0·6	269·4	279·7	16th	261·6	244·7	30th	265·5	*265·1*	- 1·8	16	- 8
318	Berens River	52 18	97 23	216	..	..	..	267·7	278·6	10th	256·9	240·2	30th	262·3	..	- 4·1	25	- 8
318a	Port Nelson	57 0	92 51	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
319	Pagwa	50 3	85 18	189	..	..	..	270·4	283·6	9th	259·5	244·1	23,24,25	264·9	..	- 2·5	97	+45
320	Moose Factory	51 14	80 30	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	267·7	280·6	2nd	263·3	244·1	26th	265·5	..	- 1·5	59	-14
324	Natashquan	50 8	61 48	6·1	..	..	..	273·5	279·7	4th	265·6	255·8	24th	269·6	..	- 0·6	81	+14
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††59 7	††17 26	§(27)	..	..	..	..	..	Sea Temp. 281·7 |-0·6	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	999·5	1001·1	-11·5	284·0	287·0	7th	279·5	274·3	14th,15th	281·7	282·0	+ 0·4	250	+112
335	Aberdeen	57 10	W. 2 6	26·0	996·4	999·6	- 9·9	281·4	285·4	5th	276·5	270·8	15th,18th	278·9	279·1	+ 0·4	89	+ 9
336	Greenwich	51 28	0 0	46·3	..	1007·4	- 7·2	283·8	288·6	8th,22nd	276·9	269·7	15th	280·4	280·5	+ 0·9	128	+70
337	Uccle	50 48	E. 4 22	100	998·3	1010·6	- 4·3	283·6	287·7	23rd	276·6	272·1	15th	280·1	278·6	+ 1·4	107	+41
338	De Bilt	52 6	5 11	3·0	1009·2	1009·6	- 4·9	282·8	286·9	24th	275·7	272·0	19th	279·3	279·1	+ 1·1	74	+14
338a	Hamburg	53 33	9 58	40·3	1006·7	1011·7	- 3·4	280·7	284·8	30th	276·3	272·5	23rd	278·5	*278·3*	+ 1·4	39	-14
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1010·4	1011·0	- 2·3	280·8	282·4	9th,30th	276·9	272·0	2nd	278·9	*279·2*	+ 2·8	58	+ 6
340	Potsdam	52 23	13 4	84·9	1003·2	1013·7	- 1·8	281·5	285·5	29th	275·5	271·8	6th	278·5	278·1	+ 2·0	14	-25
340a	Uppsala	59 51	17 38	24	1008·0	1011·0	+ 0·6	278·1	281·9	6th	274·1	266·0	2nd	276·1	276·3	+ 3·2	32	-11
341	Warsaw	52 13	21 3	89·9	1006·6	1017·8	- 1·0	280·5	285·0	14th	275·2	271·6	6th	277·9	*277·5*	..	57	..
342	Tartu (Ülikocli)	58 23	26 43	80·6	1006·0	1016·1	+ 3·1	277·4	281·8	3rd	274·6	271·4	24th	276·0	276·0	+ 3·6	58	+17
343	Leningrad	59 56	30 16	4·6	1015·9	1016·5	+ 3·6	..	..	..	..	..	..	..	*275·6*	+ 3·6	49	+13
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	1003·4	1024·2	+ 6·6	..	..	..	..	..	..	..	..	..	21	-22
345	Saratov	51 32	46 2	127	1012·0	1028·3	+ 6·4	276·0	286·1	2nd	269·6	257·5	28th	272·8	*272·5*	+ 2·7	14	..
346	Kazan	55 47	49 8	79·9	1015·8	1026·0	+ 6·8	274·6	285·2	1st	270·5	255·9	28th	272·6	*272·5*	+ 3·8	34	+ 2
347	Orenburg	51 45	55 6	109	1015·6	1029·7	+ 5·7	274·1	287·0	1st	266·5	244·9	29th	270·3	*270·0*	+ 1·6	21	-14
348	Perm	58 1	56 16	163	1003·6	1024·5	+ 5·9	272·1	281·3	4th	267·9	245·4	28th	270·0	*269·9*	+ 4·1	63	+11
349	Sverdlovsk	56 50	60 38	281	988·8	1024·6	+ 7·0	..	..	..	..	..	..	..	*269·3*	+ 4·1	14	- 5
350	Tobolsk	58 12	68 14	108	1010·4	1024·4	+ 6·0	..	..	..	264·4	239·0	28th	..	*267·0*	+ 3·3	19	- 7
351	Akmolinsk	51 12	71 23	347	984·6	1029·2	+ 2·3	270·5	283·1	7th	262·8	238·7	29th	266·8	*266·5*	+ 0·7	11	- 6
352	Omsk	55 1	73 19	108	1012·3	1026·3	+ 4·6	..	..	..	..	..	..	..	*267·6*	+ 3·2	5	-13
353	Barnsoul	53 20	83 47	158	1008·7	1029·6	+ 2·4	271·2	279·2	23rd	265·9	241·3	30th	268·6	*268·5*	+ 4·0	24	- 5
354	Tomsk	56 30	84 58	123	1010·2	1026·2	+ 2·6	269·5	276·2	8th	263·1	237·6	29th	266·3	*266·0*	+ 3·7	57	+10
355	Minousinsk	53 43	91 41	249	997·4	1029·6	+ 1·8	..	..	..	..	..	..	..	*266·6*	+ 2·3	13	+ 3
356	Eniseisk	58 27	92 10	81·2	1012·3	1023·0	+ 1·0	..	..	..	..	..	..	..	*264·5*	+ 4·0	33	+ 2
357	Irkutsk	52 16	104 19	467	967·6	1027·7	- 0·3	..	..	..	..	..	..	..	*263·4*	+ 1·1	15	- 2
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	936·4	1022·7	- 2·7	..	..	..	..	..	..	..	..	..	8	+ 4
360	Nertchinskii Zavod	51 19	119 37	621	942·4	1021·4	- 3·3	..	..	..	..	..	..	..	*263·5*	+ 4·7	4	- 3
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	*261·6*	+ 4·0	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1000·4	1018·2	- 1·2	..	..	..	..	..	..	..	*263·3*	+ 1·8	6	- 2
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1007·4	1012·2	+ 0·6	..	..	..	..	..	..	..	*262·7*	- 0·4	11	-21
366	∮Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	*253·9*	- 4·5	..	..
368	∮Petropavlovsk (Phare)	52 53	158 43	87·1	993·8	1004·8	- 0·6	..	..	..	..	..	..	..	*269·6*	- 0·6	36	-54
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1017·6	1026·3	+10·6	282·2	285·8	2nd	277·2	274·7	20th	280·1	*279·8*	+ 0·2	49	-88
412	Portland, Oregon	45 32	122 41	46·6	1021·1	1026·7	+ 7·7	284·0	292·4	3rd	276·2	271·9	16th	280·1	*279·8*	- 0·6	17	-147
413	Macleod	49 44	113 24	953	..	..	..	278·0	290·2	16th	267·4	250·8	21st	272·7	*272·6*	+ 0·3	14	0
414	Helena	46 34	112 4	1253	878·6	1025·4	+ 4·5	277·4	287·4	4th	268·2	251·3	21st	272·8	*273·0*	- 0·5	10	- 9
414a	Salt Lake City	40 46	111 54	1329	873·6	1024·7	+ 3·4	281·3	288·6	5th	271·9	266·3	22nd	276·6	*276·9*	- 1·1	3	-32
415	Cheyenne	41 8	104 48	1856	813·9	1023·7	+ 1·3	275·5	285·2	17th	264·7	253·0	21st	270·1	*270·8*	- 4·4	39	+27
416	North Platte	41 8	100 45	860	920·2	1022·7	+ 1·9	279·6	288·6	10th	267·4	256·3	22nd	273·5	*273·2*	- 1·8	12	0
416a	Bismarck	46 47	100 38	510	956·9	1019·6	+ 0·5	275·7	286·3	15th	265·6	251·9	21st	270·7	*271·3*	- 0·1	6	-11
417	Winnipeg	49 53	97 7	232	988·0	1017·9	..	268·5	280·2	14th	262·4	244·7	29th	265·6	*265·5*	- 1·5	18	- 9
418	Duluth	46 47	92 6	345	974·0	1016·9	- 0·3	273·1	286·9	16th	264·6	245·8	29th	268·8	*268·4*	- 2·9	15	-24
419	Port Arthur	48 27	89 12	196	990·4	1015·2	- 1·1	272·5	286·9	9th	265·8	248·6	29th	269·1	*268·9*	- 0·8	65	+28
420	Chicago	41 47	87 35	205	994·0	1019·3	+ 1·0	278·5	285·2	9th	272·3	255·8	29th	275·4	*275·3*	- 2·9	37	-24
421	Toronto	43 40	79 24	116	1001·9	1016·4	- 1·2	279·2	289·1	1st	273·2	258·6	29th	276·3	*275·9*	+ 0·5	84	+17
422	∮New York (Central Park)	40 47	73 58	47·4	1012·2	1018·0	+ 0·2	283·9	297·4	2nd	277·8	261·9	30th	280·9	*280·7*	+ 0·9	56	-23
423	St.John, N.B.	45 17	66 4	36·3	1011·0	1015·5	..	278·8	284·1	2nd,12th	271·9	258·6	30th	275·3	*275·0*	- 0·3	91	-21
424	S.W.Point, Anticosti	49 24	63 33	9·1	1011·0	1012·2	..	274·7	279·7	2nd	269·2	260·8	26,29,30	271·9	*272·1*	- 0·1	87	+18
424a	Sable Island (Main Station)	43 57	60 6	7·6	1013·5	1014·4	..	282·3	288·6	4th,5th	276·4	267·4	26th	279·3	*279·6*	- 0·2	209	+71
425	Port aux Basques	47 35	59 10	9·1	1010·2	1011·9	- 0·3	276·8	282·4	4th	271·6	263·0	30th	274·2	*273·9*	- 0·7	160	+48
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	940·4	1019·2	+ 0·3	284·7	287·9	16th	277·8	273·6	2nd	281·3	*280·7*	+ 0·1	36	-26
436	Nantes	47 15	W. 1 34	36·5	1006·7	1011·2	- 4·3	285·2	289·4	28th	278·4	272·9	5th,14th	281·8	281·8	+ 1·2	122	+35
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1006·3	1012·5	- 3·9	283·5	288·6	25th	276·6	272·2	4th,18th	280·1	280·1	+ 1·3	74	+25
438	Marseille	43 18	5 23	75	..	1013·6	- 1·6	289·0	294·2	28th	279·6	272·8	19th	284·3	*283·4*	- 0·3	23	-49
438a	Zürich	47 23	8 33	493	957·3	1016·8	- 1·9	281·0	287·0	10th	275·0	270·5	21st	278·0	277·7	+ 1·2	39	-29
439	Rome	41 54	12 29	45·5	1008·9	1014·3	- 1·2	289·4	292·1	9th	282·7	278·4	16th	286·0	*285·8*	+ 1·3	244	+132
440	Vienna	48 15	16 22	203	992·6	1017·5	- 0·7	281·2	284·1	12th	277·2	272·7	17th	279·2	279·2	+ 2·2	48	+ 3
440a	Budapest	47 31	19 1	130	1002·5	1018·5	- 0·5	282·6	290·4	2nd	276·0	273·0	17th	280·3	280·1	+ 2·5	71	+20
441	Sofia	42 42	23 20	550	954·2	1019·6	- 1·4	284·5	291·6	1st	278·7	271·4	30th	281·6	*281·2*	+ 3·7	52	+ 4
442	Bucharest	44 25	26 6	82	1010·7	1020·6	+ 0·6	284·1	289·2	4th	279·0	271·9	24th	281·5	281·2	+ 3·9	43	- 5
443	Odessa (Observatory)	46 26	30 46	42·8	1017·5	1022·8	+ 2·1	282·5	288·0	3rd,19th	278·8	271·3	25th	280·7	*280·3*	+ 2·9	30	- 4
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1016·4	1020·9	+ 1·2	..	..	..	..	..	..	..	*284·0*	+ 2·6	25	-45
445	Tiflis	41 43	44 48	404	975·5	1023·9	+ 1·3	287·2	293·9	1st	278·5	271·4	27th	282·9	282·4	+ 2·4	18	-15
446	Astrakhan	46 21	48 2	-20	1029·9	1027·4	+ 4·3	280·8	288·7	6th	272·8	263·7	25th	276·8	*276·4*	+ 1·2	6	- 5
447	Fort Alexandrovsk	44 31	50 7	-23·0	1028·4	1025·6	+ 3·4	..	..	..	..	..	..	..	..	*279·0*	+ 1·2	23	+14
448	Krasnovodsk	40 0	52 59	-4·6	1025·0	1024·4	+ 2·7	..	..	..	..	..	..	..	..	*283·3*	- 0·1	7	- 6
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	*271·3*	- 0·6	7	- 4
450	Tashkent	41 20	69 18	479	968·2	1026·0	+ 1·2	286·3	293·9	17th	273·4	257·1	27th	279·8	279·6	- 0·4	10	-23
451	Narynskoe	41 26	76 13	2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451a	Andijan	40 47	72 23	503	966·0	1026·3	..	286·7	293·2	1st	274·5	265·3	27th	280·6	*279·8*	..	9	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	*273·6*	..	34	-11
461	Moukden	41 48	123 23	43·8	1017·9	1023·5	- 0·4	279·3	288·3	4th	268·5	261·5	22nd	273·9	273·4	+ 1·6	9	-15
462	Joshin	40 40	129 12	31·9	1018·2	1022·2	+ 2·2	282·4	287·6	5th,6th	272·6	264·4	22nd	277·5	277·2	+ 0·5	3	-45
463	Yuki	42 20	130 24	63·8	1014·4	1022·5	+ 1·9	278·9	285·6	6th	270·0	263·5	22nd	274·5	274·5	+ 0·6	9	-15
464	Vladivostok	43 7	131 54	128	1005·4	1021·7	+ 1·0	..	..	..	..	..	..	..	*273·1*	+ 0·9	5	-24
465	Ochiai	47 20	142 47	27·4	1011·7	1015·2	+ 2·4	276·2	284·6	5th	267·4	262·0	23rd,28th	271·8	271·9	+ 1·0	18	-61
466	Nemuro	43 20	145 35	26·7	1014·1	1017·4	+ 2·7	282·5	288·9	6th	274·8	268·5	24th	278·7	278·7	+ 1·4	105	+22
466a	Syana	45 14	147 53	39·3	1011·0	1015·9	+ 3·3	280·0	285·9	6th	273·0	269·7	12th	276·5	276·5	+ 0·5	97	-34
		N.	E.															

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

BETWEEN LATITUDE 40° N. AND 30° N.

NOVEMBER - ZONE 5 (AMERICA).

511	San Francisco	N. 37 48	W. 122 26	47·2	1013·5	1019·3	+ 0·1	293·4	300·8	3rd	283·3	280·3	14th	288·4	*287·8*	+ 2·3	0	-61
512	Sacramento	38 35	121 30	21·0	1017·1	1019·3	+ 0·7	294·5	300·8	3rd	278·5	275·8	14th	286·5	*287·1*	+ 1·5	0	-49
513	San Diego	32 43	117 10	26·5	1013·5	1016·6	+ 0·1	295·6	303·6	2nd	283·8	280·2	22nd	289·7	*289·3*	+ 1·6	0	-23
514	Modena	37 48	113 54	1668	837·8	1022·7	+ 2·1	285·2	293·0	18th	264·7	255·3	22nd	274·9	*274·0*	- 1·2	0	-14
515	Santa Fé	35 41	105 57	2138	788·0	1021·3	+ 0·1	279·0	287·4	5th	267·6	259·7	13th	273·3	*272·9*	- 3·2	23	+ 4
516	Denver	39 45	105 0	1613	839·7	1023·7	+ 2·1	278·9	292·4	17th	266·6	255·2	21st	272·8	*273·2*	- 4·2	34	+19
517	Abilene	32 23	99 40	530	958·6	1021·3	+ 1·3	286·9	299·7	28th	276·1	270·3	22nd	281·5	*280·5*	- 3·4	13	-22
518	Saint Louis	38 38	90 12	173	999·5	1020·6	+ 1·1	282·1	293·6	12th	274·5	258·9	30th	278·3	*278·1*	- 2·1	36	-37
519	Mobile	30 41	88 2	17·4	1017·3	1019·3	- 0·5	291·5	300·2	1st	283·3	270·2	30th	287·7	*287·5*	0·0	209	+115
520	Nashville	36 10	86 47	166	1001·2	1021·3	+ 0·5	284·9	296·3	1st	277·6	259·7	30th	281·2	*281·9*	- 1·2	122	+32
521	Charleston	32 47	79 56	14·6	1018·1	1020·0	- 0·3	292·2	300·2	3rd	284·9	270·3	30th	288·6	*288·7*	+ 1·3	51	-10
522	Washington	38 54	77 3	34·1	1014·9	1019·3	- 0·5	285·7	301·3	2nd	277·6	261·3	30th	281·7	*281·7*	+ 1·2	43	-20
524	Bermuda	32 17	64 46	38·1	1014·1	1019·5	..	297·3	300·2	5th	291·3	286·9	10th	294·3	*294·4*	+ 1·1	158	+32
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1015·9	1020·6	- 0·2	294·5	298·7	11th	289·2	284·1	25th	291·9	291·7	+ 2·0	81	-85
531	Horta	38 32	28 38	65	1013·7	1021·5	+ 1·2	294·1	297·9	5th	288·9	284·5	24th	291·4	291·1	+ 1·1	53	-66
532	Ponta Delgada	37 44	25 40	22	1019·2	1021·9	+ 1·9	293·1	295·3	6th	289·1	285·6	25th	291·1	291·2	+ 1·5	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	120	- 9
533	Madeira (Funchal)	32 38	16 55	25	1019·9	1022·9	+ 4·0	294·5	295·8	10th	290·0	288·0	13th,21st	292·3	*292·4*	+ 1·4	85	-34
535	Lisbon	38 43	9 9	95	1008·0	1019·4	+ 1·7	290·0	293·0	4th	284·9	279·2	19th	287·5	287·2	+ 0·6	137	+28
535a	Melilla	35 17	2 59	40	1016·0	1020·8	..	292·4	298·6	29th	285·7	282·3	19th	289·0	*289·1*	- 1·6	18	-48
536	Gibraltar	36 6	5 21	27·4	..	1019·4	+ 1·3	292·7	296·3	26th	283·3	280·3	3rd,19th	288·3	*287·8*	- 0·3	53	-110
536a	Colomb-Béchar	31 37	W. 2 13	769	929·9	1018·5	..	293·2	299·0	18th	271·8	267·2	29th	282·5	*283·0*	- 3·5	0	-17
537	Palma	39 34	E. 2 39	23	1013·0	1015·8	- 1·4	292·1	294·6	14th	281·1	278·2	12th	286·6	*286·0*	- 1·1	70	+14
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	295·4	303·5	5th	282·8	277·2	29th	289·1	..	..	2	- 1
539	Tunis	36 48	10 10	75	1008·0	1017·0	..	291·7	295·4	29th	282·9	280·0	13th	287·3	*287·1*	- 1·0	28	-24
540	Malta	35 54	14 31	71·2	..	1015·3	- 0·3	292·2	296·3	1st	287·4	282·4	13th	289·8	*289·0*	- 0·9	124	+33
541	Athens	37 58	23 43	107	1004·8	1017·4	+ 0·2	292·5	298·7	4th	286·3	281·3	27th	289·4	288·8	+ 1·8	39	-33
542	Alexandria	31 12	29 53	32·0	1012·6	1016·3	- 1·0	299·1	302·4	10,11,21	290·8	286·5	27th	295·0	*294·2*	+ 1·4	35	+ 1
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1015·5	- 1·0	296·9	301·9	2nd,3rd	284·6	281·9	sev.dates	290·8	..	+ 1·5	22	-22
544	Beirut	33 54	35 28	33·7	..	1014·7	- 2·4	296·5	299·4	5th,21st	290·7	284·7	30th	293·6	*293·4*	+ 1·3	100	-35
545	Hinaidi	33 17	44 29	32·3	1014·6	1015·9	- 2·0	299·5	305·2	1st,23rd	283·8	280·2	13th,14th	291·7	*291·8*	+ 1·3	3	-23
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	∮Tehran	35 41	51 25	1220	874·0	1010·1	..	289·1	293·2	1st	278·9	276·7	13th	284·0	*283·7*	- 0·6	12	-10
548	Meshed	36 17	59 38	946	..	..	..	287·9	294·5	18th	272·1	267·4	5th,27th	280·0	..	- 1·3	6	- 9
549	Sbistan	31 0	61 30	?610	965·3	..	..	295·1	299·8	18th	278·8	273·1	23rd	286·9	..	+ 0·3	0	- 2
550	Quetta	30 12	67 0	1647	839·9	..	- 0·1	291·4	294·9	1st	273·4	267·4	25th	282·4	*282·1*	0·0	0	- 8
551	Peshawar	34 2	71 37	355	976·3	1018·2	- 0·6	299·3	303·3	9th	281·8	277·2	28th	290·8	*289·7*	+ 1·3	0	- 7
551a	Lahore	31 34	74 20	214	991·0	1016·6	- 0·4	301·1	305·2	1st	282·5	277·4	28th	291·8	*290·6*	+ 0·3	0	- 2
552	Simla	31 7	77 8	2202	783·9	..	+ 0·2	287·3	291·3	15th	280·9	277·4	22nd	284·4	*284·1*	+ 0·8	0	-13
552a	Leh	34 10	77 42	3503	669·1	..	+ 0·1	278·9	282·7	7th	266·8	262·4	28th	272·9	*271·8*	- 1·3	1	+ 1
559	Hankow	30 35	114 17	37·0	1021·8	1026·3	+ 1·1	290·5	294·7	7th	280·2	274·2	18th	285·3	*285·0*	0·0	12	-42
560	Tientsin	39 9	117 9	6·4	1024·6	1025·3	+ 0·1	282·4	289·4	4th	272·2	267·4	22nd	277·3	*277·3*	- 0·4	0	-11
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1024·3	1025·1	+ 1·4	289·8	294·2	4th	278·8	270·5	26th	284·3	283·5	- 0·6	26	-25
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1015·7	1024·4	+ 1·5	283·4	289·3	7th	274·9	266·3	23rd	279·1	278·9	- 0·4	29	-12
562a	Nagasaki	32 44	129 52	133	1006·3	1022·4	+ 1·6	288·5	294·6	5th	281·3	275·6	23rd	284·9	284·5	- 1·1	120	+35
563	Kyoto	35 1	135 44	42·9	1015·7	1021·0	+ 1·6	288·9	296·2	6th	278·8	272·2	24th	283·9	283·2	+ 0·5	128	+52
564	Tokyo	35 41	139 46	5·8	1018·3	1019·5	+ 1·2	287·3	292·9	6th	280·3	271·4	24th	284·1	284·0	+ 0·7	204	+97
565	Hukusima	37 45	140 28	68·5	1011·9	1020·3	+ 2·1	286·9	292·6	5th	276·6	268·3	24th	281·7	281·3	+ 0·3	123	+60
566	Miyako	39 38	141 59	30·4	1015·3	1019·1	+ 1·9	286·9	292·4	6th	275·2	268·7	24th	281·1	280·4	+ 0·2	195	+113
		N.	E.															

NOVEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1020·5	1021·3	..	298·0	301·3	9th	289·3	285·3	20th	293·9	*293·4*	- 0·8	34	-23
605	Honolulu	21 19	157 52	11·6	1011·4	1012·8	- 3·6	299·3	301·9	7th	293·7	290·2	24th	296·5	*296·3*	- 0·1	125	+27
613	Guaymas	27 55	110 53	8·3	1013·2	1014·2	..	299·6	302·5	2nd	288·5	282·6	26th	294·1	*293·9*	- 1·4	0	..
615	Leon	21 7	101 41	1809	821·5	1012·4	- 1·2	297·6	303·1	8th	281·6	275·0	17th	289·6	*289·0*	0·0	16	+ 4
616	Monterry	25 40	100 18	528	957·4	1018·7	+ 1·4	292·5	304·5	12th	283·2	276·9	23rd	287·9	*287·7*	- 2·9	28	- 6
617	Tulancingo	20 5	98 22	2181	788·7	..	- 1·5	294·2	300·2	12th	280·6	277·0	9th	287·4	*286·3*	+ 0·6	61	+46
618	Galveston	29 18	94 50	16·5	1018·1	1020·3	+ 0·6	289·3	298·6	12th	283·4	274·7	23rd	286·6	*287·1*	- 3·7	195	+101
618a	New Orleans	29 57	90 4	16·2	1017·6	1019·6	+ 0·3	291·3	301·9	2nd	284·9	272·4	30th	288·3	*288·4*	- 0·7	131	+37
619	Mérida, Yucatan	20 58	89 38	22	1011·8	1014·1	- 2·2	302·6	305·2	10th	294·7	292·8	20th	298·7	*297·7*	+ 1·3	52	+ 9
620	Havana	23 7	82 25	77·0	1005·8	1014·7	- 1·8	301·8	303·7	7th	294·3	291·3	12th	298·1	297·4	..	34	..
620a	Key West	24 33	81 48	6·7	1015·6	1016·2	- 0·6	300·4	302·4	1st	295·5	291·9	30th	297·9	*297·6*	+ 1·5	53	- 5
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·9	+ 0·2	300·6	302·4	7th,27th	295·0	291·9	28th	297·8	*297·7*	+ 0·4	31	-41
622	Watling Island(San Salvador)	24 6	74 26	33·5	1013·6	1017·5	+ 0·7	..	301·3	28th	..	295·8	19th	..	*298·9*	+ 0·1	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634m	Izaña	28 19	16 30	2367	771·6	..	+ 3·7	300·4	306·0	1st	287·6	284·3	6th	294·0	*292·5*	..	0	-164
634	La Laguna	28 28	16 20	547	957·5	1020·9	+ 3·4	283·7	289·0	28th	277·0	273·2	2nd	280·4	*280·1*	+ 1·3	15	-39
636	Adrar	27 38	W. 0 4	285	..	..	..	292·2	295·8	25th	284·9	280·2	28th	288·6	*288·0*	+ 0·2	43	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642	Siwa	29 12	25 29	-23	1019·4	1016·6	- 1·4	299·7	303·3	10th	287·5	282·7	29th	293·6	..	..	0	..
643	Cairo (Helwan)	29 52	31 20	116	1002·0	1015·5	- 1·3	299·8	304·5	1st	282·0	277·5	16th	290·9	*289·7*	+ 0·1	7	+ 5
643a	Aswan	24 2	32 53	100	1002·2	1013·5	- 0·8	305·2	312·4	11th	288·3	284·8	30th	293·5	*293·0*	+ 0·5	11	+ 8
644	Tor	28 14	33 37	1·9	1013·2	1013·5	- 1·3	299·1	302·2	1st	290·3	285·0	28th,29th	297·8	*297·0*	+ 1·7	..	..
										15th	287·6	284·5	28th	293·4	*293·2*	+ 0·2	0	- 5
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

NOVEMBER - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1016·1	1016·5	..	299·0	303·5	5th	290·1	286·9	9th	294·5	*294·2*	+ 0·3	17	-18
648	Jask	25 45	57 45	4·0	1015·1	1015·5	..	302·2	305·5	3rd	293·1	289·6	27th	297·7	*297·4*	+ 0·2	4	- 3
649	Karachi	24 53	66 57	4·0	1015·0	1015·4	- 0·5	303·3	307·6	4th	293·1	289·7	27th	298·2	*297·9*	+ 1·0	26	+25
650	Jacobabad	28 17	68 29	56·7	1009·8	1016·3	+ 0·2	304·3	309·3	2nd	286·2	280·2	26th	295·3	*294·6*	+ 1·4	0	- 2
651	Jaipur	26 56	75 52	436	967·5	1017·5	+ 0·5	303·8	307·1	3rd	286·4	280·8	26th	295·1	*294·1*	+ 0·4	0	- 4
652	Nagpur	21 8	79 5	310	980·4	1016·0	+ 0·2	303·7	306·9	16th	287·1	281·3	26th	295·4	*295·1*	- 0·3	0	-18
653	Allahabad	25 25	81 51	94·2	1004·7	1015·9	- 0·3	302·9	306·2	1,3,5	284·9	280·2	26th,29th	293·9	*293·0*	+ 0·1	0	- 8
653a	Darjeeling	27 3	88 15	2265	777·9	..	- 0·7	285·0	287·7	16th,19th	279·3	276·8	29th	282·1	*281·8*	- 0·3	3	-17
654	Calcutta	22 32	88 20	6·4	1014·1	1014·9	- 0·1	301·7	303·8	2nd	291·3	287·4	30th	296·5	*296·1*	+ 0·7	0	-17
655	Gauhati	26 8	91 41	59·7	1009·3	1016·2	- 0·2	299·9	303·1	20th	288·9	283·5	25th	294·4	*293·7*	- 0·4	7	- 4
655a	Cherrapunji	25 15	91 42	1313	871·0	..	- 0·3	291·9	294·1	16th	285·0	282·9	7th	288·4	*287·8*	- 0·7	15	-67
656a	Akyab	20 11	92 56	6·1	1013·0	1013·7	+ 0·2	303·1	304·4	23rd	294·0	289·3	6th	298·5	*298·1*	+ 0·1	22	-117
656	Mandalay	21 59	96 0	76·2	1005·8	1014·5	0·0	304·2	306·4	5th	293·3	289·6	22nd	298·7	*298·1*	+ 0·4	25	-18
656a	Tengyueh	25 2	98 33	1626	837·4	1013·7	..	292·1	294·1	1st	279·2	273·6	28th	285·6	*284·8*	- 0·4	44	- 3
657	∮Phu Lien	20 48	106 38	116	..	1018·8	+ 1·5	297·6	301·1	2nd,3rd	289·9	286·4	18th	293·7	293·2	- 1·1	76	+15
658	∮Moncay	21 31	107 51	9·0	..	1018·3	+ 1·5	298·4	303·4	4th	289·2	284·2	27th	293·3	*293·0*	- 0·4	68	- 5
659	Hongkong	22 18	114 10	33·2	..	1018·7	+ 1·1	295·3	299·4	2nd	290·6	286·3	12th	292·9	292·8	- 1·0	35	- 9
660	Amoy	24 26	118 4	4·9	1021·0	1021·5	+ 2·1	296·9	299·7	1st,2nd	289·9	284·1	27th	293·4	*293·0*	- 0·3	8	-24
661	Taihoku, Formosa	25 2	121 31	9·3	1019·1	1020·2	+ 1·4	296·1	305·4	5th	288·8	279·4	27th	292·3	291·7	- 1·0	22	-44
661a	Basco	20 28	121 59	18·7	..	1014·5	+ 1·2	298·7	303·0	7th	294·8	290·6	24th	296·7	296·5	- 1·1	526	+183
662	Naha	26 12	127 39	29·5	1015·2	1018·7	+ 1·1	295·4	300·5	6th	290·4	286·4	19th	292·9	292·8	- 0·9	116	-21
665	Titizima (Bonin Island)	27 5	142 11	4·1	1014·9	1015·4	- 0·8	300·3	303·0	7th	294·5	289·4	29th	297·5	297·1	+ 1·4	211	+68
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

NOVEMBER - ZONE 7.

715	Colima	N. 19 12	W. 103 45	498	956·7	1012·4	- 0·2	305·8	308·5	5th	291·2	288·4	1st	298·5	*296·7*	- 0·2	0	- 8
716	Morelia	19 42	101 7	1923	809·5	1010·4	- 3·2	294·9	297·7	9th	283·6	281·4	17th	289·3	*288·8*	+ 1·2	4	-20
717	Mexico, Tacubaya	19 24	99 12	2309	774·9	..	- 1·1	294·9	298·5	8th	280·2	277·5	16th,24th	287·5	286·7	+ 0·4	8	- 7
718	Salina Cruz	16 12	95 12	56	1004·1	1010·5	- 2·6	302·4	304·6	11th	294·9	292·5	19th	298·7	*299·1*	+ 0·2	4	-15
719	San Salvador	13 42	89 13	682	936·4	1011·9	- 0·9	306·6	308·4	28th	290·5	288·0	19th,20th	298·5	*296·2*	+ 0·7	90	+52
720	Belize	17 31	88 11	5·2	1012·8	1013·5	- 1·6	..	..	..	295·2	292·4	16th	..	‡*296·9*	+ 1·1	285	+78
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·3	0·0	303·9	306·4	3rd	294·7	292·2	sev.dates	299·2	*298·9*	+ 0·1	64	-33
722	Port au Prince	18 33	72 20	37·4	1008·7	1013·0	- 0·1	304·5	306·4	21st,25th	293·7	290·7	17th	299·1	*298·9*	+ 0·3	39	-48
723	∮Caracas	10 30	66 56	1043	899·1	1013·1	..	298·6	302·4	28th	288·8	286·9	10,15,16	293·6	*293·2*	+ 0·6	67	-16
724	San Juan, Porto Rico	18 29	66 7	25·0	1010·9	1013·9	+ 0·1	300·8	302·4	30th	295·9	293·5	16th	298·4	*298·1*	- 0·3	92	-83
724a	Grenada (Richmond Hill)	12 5	61 46	188	990·7	1012·2	+ 1·0	303·9	304·7	sev.dates	296·7	295·2	7th	300·3	*299·7*	+ 0·9	248	+33
725	Barbados	13 8	59 36	57·9	..	1011·8	- 0·3	302·2	304·2	8th	296·1	294·3	15th	299·1	*298·9*	0·0	280	+112
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·6	1013·8	+ 0·1	299·5	302·0	2nd,4th	295·9	294·8	23rd	297·7	*297·5*	- 0·1	7	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·7	1013·8	- 0·8	301·0	303·5	29th	296·4	294·6	23rd,24th	298·7	*298·6*	- 0·3	0	-12
733	∮Dakar	14 40	17 26	32	..	1011·6	..	303·7	309·0	15th	294·3	292·7	22nd,23rd	299·0	*297·8*	- 0·1	0	- 3
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·1	305·8	4th,5th	293·4	287·4	23rd,28th	298·3	*298·5*	- 0·9	0	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	308·6	313·0	6th	286·9	283·0	10th	297·7	*297·2*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	309·9	311·9	10,17,22	292·1	288·8	30th	301·0	*300·5*	+ 0·6	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	305·0	307·4	17th	..	..	..	..	‡*297·5*	- 0·9	0	- 5
739	Hadeija	12 40	10 5	?	..	..	..	307·0	309·7	2,5,13	287·9	284·1	30th	297·5	*297·0*	- 0·7	0	0
740	Maiduguri	11 47	13 11	361	..	..	..	309·2	311·9	16th	290·9	286·9	29th	300·1	*299·6*	+ 0·3	0	0
741	∮El Fasher	13 32	25 18	730	927·5	1009·2	..	308·4	311·5	3rd,4th	..	..	..	..	‡*293·8*	..	0	0
743	El Obeid	13 11	30 14	563	946·4	1009·1	+ 0·1	307·6	310·7	1st	289·2	283·3	28th	298·5	*298·1*	+ 0·3	0	0
743a	Khartoum	15 37	32 33	390	965·8	1009·5	- 0·4	308·0	312·4	1st	293·9	286·3	29th	301·0	*301·1*	+ 0·4	0	0
744	Port Sudan	19 37	37 13	5·5	1012·0	1012·7	+ 0·1	304·6	306·9	1st	296·7	292·5	28th	300·6	*300·2*	+ 0·1	11	-35
745	∮Berbers, Somaliland	10 22	45 2	13·6	1011·0	1012·6	- 1·3	303·3	304·1	1,3,12	295·2	291·3	15th	299·3	*299·7*	- 0·4	1	- 3
746	Aden	12 48	45 3	29·9	1010·8	1014·2	- 1·0	304·8	307·1	4th,11th	296·7	295·6	14th	300·7	*300·1*	+ 1·2	0	- 2
751	Bombay	18 54	72 49	11·3	1011·7	1012·9	- 0·7	306·2	307·8	2nd	296·6	293·0	29th	301·4	300·3	+ 1·4	6	- 5
752	Kodaikanal	10 14	77 28	2343	771·7	..	+ 0·2	289·4	292·1	15th,19th	283·3	281·5	18th	286·3	*285·9*	+ 0·5	306	+98
752a	Bangalore	12 59	77 38	921	911·8	1012·5	+ 0·1	300·3	302·6	30th	289·8	287·3	28th	295·1	*294·6*	+ 0·7	96	+21
753	Madras	13 4	80 14	6·7	1011·4	1012·2	- 0·7	302·1	303·9	8th	295·8	293·7	19th	298·9	*298·4*	- 0·1	383	+21
754	Vizagapatam	17 42	83 19	**38·4	‡1012·5	1013·6	- 0·1	301·8	302·8	21st	294·6	292·6	11th	298·2	*297·8*	- 0·3	4	-91
755	Port Blair	11 40	92 40	18·0	1009·5	1011·5	- 0·3	302·7	304·1	14th	298·2	296·6	18,20,23	300·4	*300·0*	- 0·2	252	+10
756	Rangoon	16 46	95 48	5·5	1012·7	1013·4	0·0	305·6	307·4	23rd	296·7	295·4	21st	301·2	*300·3*	+ 1·5	3	-68
757	Cap St. Jacques	10 20	107 5	180	..	1011·1	..	301·1	303·5	9th	295·8	294·2	27th	298·5	*298·1*	+ 0·1	29	-51
758	Nhatrang	12 15	109 12	3·6	..	1011·6	..	301·3	303·5	7th	295·4	292·1	28th	298·4	*298·0*	0·0	115	-270
759	∮Bolinao	16 23	119 53	2	..	1010·0	+ 1·0	303·7	305·3	5th,8th	296·5	293·0	30th	300·1	*299·7*	- 0·2	1	-48
761	Vigan	17 34	120 23	12·2	..	1010·0	+ 0·2	303·8	307·2	20th	296·1	291·0	25th	299·9	299·5	- 0·3	7	-29
761a	Manila	14 35	120 59	14·2	..	1010·5	+ 0·7	303·3	305·2	10th	295·1	290·4	29th	299·2	298·2	- 0·6	171	+34
762	Ormoc	11 0	124 36	5·6	..	1008·2	+ 0·2	304·7	306·0	8th,12th	295·0	291·1	26th	299·9	*299·2*	+ 0·2	131	-114
765	∮Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·4	- 0·5	303·1	305·4	3rd	297·9	296·0	27th	300·5	*300·3*	+ 0·1	318	+128
766	Saipan	15 14	145 46	207	986·4	1006·5	..	301·0	302·0	1st,2nd	296·8	295·0	6th	298·9	298·9	..	111	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

**Height changed from 11·6m. to 38·4m. from November 1st.

†Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·1	1009·7	- 0·5	304·7	306·3	7th	298·2	295·8	3rd	301·4	*301·0*	+ 0·1	63	-16
821	Cristobal	9 23	79 54	11·0	..	1008·7	- 1·9	303·6	306·3	2nd	297·7	295·8	1st	300·6	299·9	+ 1·2	228	-228
822	Bogota	4 36	74 5	2645	745·1	..	- 0·4	291·8	294·3	11th	282·7	279·6	9th	287·3	*286·8*	- 0·2	14	-103
822a	Merida, Venezuela	8 36	71 9	1641	‡840·3	..	..	296·1	297·6	5th,8th	288·2	286·7	27th	292·1	*291·3*	+ 0·1	152	-57
823	Ciudad Bolivar	8 9	63 33	38	1005·0	1009·3	..	303·8	305·8	2nd	296·6	294·0	6th	300·2	*299·7*	- 0·7	113	+26
824	El Peru, Guayanavieja	7 19	61 49	220	983·7	1008·6	- 0·1	..	..	..	294·7	292·1	1st	..	*‡295·7*	- 0·4	105	+22
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1009·6	- 1·2	303·2	304·9	4,5,11	297·6	296·3	2,14,21	300·4	*300·0*	+ 0·3	150	- 4
826	Paramaribo	5 49	55 9	3·7	1009·8	1010·2	- 1·4	305·1	307·1	6th	296·0	294·3	8th	300·5	*300·4*	+ 0·2	171	+49
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	82	-35
831	10°-5°N. 30°-25°W.	††7 4	††27 3	§(77-90)	..	1011·5	0·0	..	..	Sea Temp.	299·9	+0·1	..	..	..	..		
833	Konakri	9 31	13 43	16	..	..	..	..	..	299·9	..	..	..	..	299·7	+ 0·3	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·3	1012·2	+ 1·3	302·9	304·1	10,17,21	296·2	293·0	3rd	299·5	*298·9*	- 0·6	161	+31
835	Assuantsi	5 18	1 15	97·3	998·8	1009·9	..	302·7	304·1	9,28,30	293·9	291·9	14th	298·3	*297·6*	- 0·3	75	-15
836	Accra	5 33	W. 0 12	17·7	1006·0	1009·9	- 0·7	..	..	..	298·2	294·7	14th	..	*‡301·5*	+ 0·1	30	- 4
837	Lagos	6 27	E. 3 24	3·0	1008·5	1008·9	- 1·2	303·6	305·5	30th	296·5	294·1	3,4,10	300·1	*299·6*	- 0·5	104	+36
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	302·6	304·1	..	295·7	291·9	..	299·1	*298·6*	..	136	+30
839	∮Yola	9 12	12 30	259	..	..	..	308·4	310·8	18th,23rd	293·9	289·7	25th,26th	301·2	*300·7*	+ 0·2	9	+ 5
841	Wau	7 42	28 3	440	958·6	1007·8	- 1·1	308·5	310·0	sev.dates	290·7	288·0	29th	299·6	*298·6*	- 0·3	27	+ 9
843	Malakal (Kodok)	9 35	31 37	394	964·2	1008·3	- 0·4	308·1	310·5	17th	293·0	289·5	30th	300·6	*299·7*	+ 0·5	34	+22
843a	Mongalla	5 11	31 47	448	958·2	1008·4	- 0·8	308·4	310·6	22nd	292·6	290·7	13th,29th	300·5	*299·1*	- 0·4	88	+46
844	Entebbe	0 5	32 29	1171	883·1	1008·8	- 0·4	299·8	301·3	17th,30th	290·7	289·1	5th,8th	295·2	*294·9*	+ 1·0	29	-100
845	Sheikh	9 55	45 15	1463	..	..	..	296·3	297·4	sev.dates	280·6	278·0	2nd,7th	288·4	..	..	0	-32
851	Minicoy	8 17	72 49	2·7	1011·3	1011·6	- 0·5	303·0	304·3	12th	297·5	296·0	3rd	300·3	*299·9*	..	186	+52
851a	Cochin	9 58	76 21	2·7	1011·4	1011·7	- 0·4	303·2	304·7	24th	297·5	295·4	13th	300·3	*299·9*	0·0	190	+24
852	Colombo Observatory	6 54	79 52	7·3	..	1009·9	+ 0·1	302·5	304·7	30th	295·9	294·7	20th	299·2	*298·8*	- 0·1	237	-62
853	Nuwara Kliya	6 58	80 46	1881	814·2	1012·4	+ 0·5	293·3	296·3	14th	283·2	280·3	20th	288·3	*287·7*	- 0·1	258	+28
854	Trincomalee	8 35	81 15	30·2	..	1009·2	- 0·2	301·3	302·9	13th	296·8	294·4	17th	299·1	*298·7*	+ 0·1	320	-39
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	101	-79
856	Medan	3 35	98 41	25	..	1009·7	- 0·4	302·2	304·9	3rd	296·1	295·0	5th	299·2	298·7	+ 0·7	295	+48
857	Penang	5 34	100 20	5·0	..	..	..	303·2	306·3	29th,30th	296·9	294·7	1st	300·1	*299·7*	+ 0·2	261	-41
858	Singapore	1 18	103 51	10·9	..	..	..	303·0	304·7	5th	296·2	295·2	30th	299·6	*299·1*	- 0·3	265	+13
858a	Singapore (Mt. Faber)	1 16	103 49	90·5	999·0	1009·4	- 0·2	302·6	305·2	4th	295·8	294·1	1st,30th	299·2	298·6	..	240	..
859	Sandakan	5 50	118 7	31·7	..	..	..	303·7	305·2	13,18,30	296·9	296·3	sev.dates	300·3	*300·2*	+ 0·1	506	+132
860	∮Iwahig	9 44	118 38	14·3	..	1008·2	+ 0·4	302·6	304·5	8th	295·4	293·0	30th	299·0	*298·9*	- 0·2	499	+194
861	Tagbilaran	9 38	123 51	21·3	..	1008·3	0·0	303·8	305·7	9th	295·8	291·7	29th	299·8	298·7	- 0·7	341	+147
861a	Menado	1 30	124 50	8·5	..	1008·0	- 0·5	302·8	304·7	22nd	295·6	293·9	29th	299·2	298·7	- 0·5	349	+130
862	Surigao	9 48	125 29	6	..	1008·9	+ 0·4	301·6	305·1	8th	296·7	294·9	30th	299·3	298·9	- 0·3	476	+51
863	Kolonie, Yap	9 29	138 8	29·3	..	1008·0	+ 0·4	303·6	304·9	23rd	297·7	295·7	9th	300·7	299·6	- 0·2	232	-23
864	Palau	7 20	134 29	31·6	1004·6	1008·2	..	303·2	304·2	2nd	297·3	295·9	10th,28th	300·3	300·0	..	277	..
867	Ponape	6 58 N.	158 13 E.	38·9	1003·1	1007·5	..	302·5	304·1	4th,21st	297·2	295·5	15th	299·9	299·7	..	360	..

NOVEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S.	W.															
902	Atafu	8 32	172 31	1·2	..	1007·5	..	302·1	304·2	7th	299·7	297·3	1st	300·9	..	..	417	..
920	Lambayeque	6 46	80 55	15	1009·8	1011·6	..	300·7	303·2	15th	287·0	283·5	10th	293·9	292·7	..	4	..
921	Quito	0 14	78 30	2816	726·9	..	- 0·7	294·6	299·0	11th	281·2	277·0	18th	287·9	286·2	+ 0·5	113	- 5
924	Manaos	3 8	60 1	43·8	..	..	..	305·6	308·6	12th	295·5	293·2	19th	300·6	*300·3*	0·0	173	+31
926	Taperinha	2 30	54 20	21·0	1007·0	1009·5	- 0·3	305·6	307·8	7th	296·1	294·4	14th	300·6	*299·8*	+ 0·2	51	- 1
927	Turyassu	1 43	45 26	9·1	1008·3	1009·5	- 0·8	306·2	307·9	22nd	295·8	293·5	8th	301·0	*300·4*	+ 0·3	0	-15
928	Barra do Corda	5 30	45 16	81·0	996·2	1007·5	- 1·4	306·6	309·8	6th	294·9	292·4	11th	300·8	*299·9*	+ 0·2	92	+10
929	Quixeramobim	5 16	39 15	207	987·1	1010·3	- 0·4	305·9	306·8	14,22,23	297·7	296·9	8th,18th	301·8	*301·2*	+ 0·2	4	- 1
930	Fernando Noronha	3 50	32 25	106	999·5	1011·4	- 0·6	301·3	302·1	29th	297·0	294·8	10th	299·2	*298·5*	+ 0·5	20	+13
934	∮Ascension Island	7 56	W. 14 25	16·8	1012·6	1014·4	- 0·1	300·7	302·4	18th	294·1	291·3	18th	297·4	*297·5*	+ 0·3	0	- 6
939	Loanda	8 49	E. 13 13	59·2	..	1010·9	- 0·5	300·6	304·2	30th	296·4	295·0	4th,10th	298·5	298·1	+ 0·5	42	+13
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·3	295·0	..	283·5	281·8	..	288·4	*288·9*	..	144	..
943	Masaka	0 20	31 44	1280	..	..	..	300·6	303·0	19th	289·8	288·6	2,10,13	295·2	..	..	58	-43
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·6	1013·1	..	294·2	296·2	5th,9th	286·5	285·2	25th,30th	290·4	289·6	- 0·3	133	+ 1
944a	Zanzibar	6 10	39 11	17·1	1011·3	1013·2	- 0·9	302·8	304·3	7th	298·6	297·5	1st,14th	300·7	300·1	+ 0·5	209	+18
945	Lamu	2 16	40 50	3·0	..	..	..	302·4	303·6	27th	298·0	295·2	16th	300·2	*299·8*	- 0·1	56	+ 9
947	Seychelles, Port Office	4 37	55 27	4·6	1010·4	1010·9	- 0·9	301·9	302·5	30th	295·9	294·5	28th	298·9	*298·2*	- 0·5	131	-109
957	Padang	0 56	100 22	6·7	..	1010·5	- 0·3	302·6	303·6	25th	296·3	294·6	15th	299·5	298·9	- 0·1	518	0
958	Batavia	6 11	106 50	8·0	1008·5	1009·4	- 0·3	304·2	306·0	1st	296·6	295·5	3rd	300·4	299·7	+ 0·4	175	+36
958a	Pontianak	0 1	109 20	2·6	..	1008·6	- 1·2	303·9	306·2	17th	296·9	295·4	16th	300·4	299·3	+ 0·1	457	+58
959	Pasuruan	7 38	112 55	5·0	..	1008·7	- 0·6	306·3	307·4	26th	296·6	293·9	24th	301·5	301·5	+ 0·9	0	-60
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	54	-148
962	Amboina	3 42	128 10	4·2	..	1008·4	- 0·5	304·9	307·6	27th	296·7	295·9	17th	300·8	300·4	+ 0·9	65	-49
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	237	+75
965	Daru	9 4	143 13	7·6	..	1010·1	0·0	303·9	..	..	296·7	..	..	300·3	*299·8*	0·0	39	-68
966	Port Moresby	9 29	147 9	38·4	..	1009·5	- 0·5	303·9	..	..	297·2	..	..	300·6	*300·1*	+ 0·2	10	-36
967	Rabaul	4 9	152 12	12·5	1006·0	1007·4	- 0·9	305·6	307·3	8th	295·8	294·9	18th	300·7	*300·1*	- 0·2	254	+86
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	304·0	306·3	26th	298·0	296·3	2nd,3rd	301·0	*300·8*	+ 0·2	226	-33
970	Ocean Island	0 52	169 35	39·6	1003·3	1008·2	- 1·2	304·8	307·4	1,9,14	298·8	296·9	26th	301·8	*301·0*	+ 0·6	330	+197
		°S.	°E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

NOVEMBER - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1007·5	- 1·8	302·7	304·1	29th	296·9	295·2	21st	299·8	299·9	+ 0·5	240	-10
1003	∮Alofi, Niue Island	19 2	169 55	19·8	..	1008·1	- 4·1	302·8	305·2	20th	293·1	289·7	10th	297·9	*297·7*	- 0·3	112	-29
1021	Lima	12 5	77 3	111	997·1	1010·1	..	295·8	298·2	29th	288·0	285·8	8th	291·9	290·6	..	2	..
1022	Arica	18 28	70 20	5	1013·5	1014·1	..	..	..	..	..	..	..	..	*292·1*	..	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·6	..	+ 0·3	293·2	297·3	10th	278·6	276·4	19th	285·9	*284·7*	+ 0·1	71	+23
1025	Corumba	18 59	57 39	116	994·4	1007·4	- 0·5	305·7	310·6	30th	294·4	290·0	2nd	300·0	*299·7*	- 0·2	108	-18
1026	Cuyaba	15 36	56 6	165	989·0	1007·6	- 0·9	305·9	309·0	14th	295·3	293·2	1st,12th	300·6	*299·3*	- 0·2	192	+41
1027	Bello Horizonte	19 56	43 56	855	912·6	1011·5	- 0·4	299·0	304·2	15th	290·4	288·0	28th	294·7	*294·4*	+ 0·1	306	+77
1028	Caetite	14 3	42 37	897	914·3	1012·2	+ 0·4	301·5	307·5	5th	291·4	289·0	28th	296·4	*296·2*	+ 0·5	108	-27
1029	Ondina (Bahia)	13 0	38 31	46·6	1006·0	1011·4	- 1·0	301·7	303·2	2nd	295·5	294·2	6th	298·6	*298·0*	- 0·1	25	-116
1030	Aracaju	10 55	37 3	6·1	1011·1	1011·9	- 1·7	302·0	303·2	29th	296·3	292·7	6th	299·2	*298·8*	..	18	..
1035	St. Helena	15 57	W. 5 40	579	946·7	1013·9	- 0·3	..	..	..	285·9	285·2	1,3,12	..	*287·7*	0·0	16	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	903·7	1006·7	..	308·6	313·7	7th	295·2	291·3	14th	301·9	..	..	76	..
1041a	Elisabethville	11 39	27 28	1230	875·0	1005·3	- 2·6	303·8	308·1	21st	289·5	286·3	17th	296·7	..	+ 0·5	183	+60
1042	Gwelo	19 26	30 2	1411	..	..	..	301·9	308·6	9th	289·7	285·8	4th	295·8	..	+ 0·5	162	+72
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·4	1009·0	- 0·5	301·9	308·0	11th	289·7	286·4	4th	295·8	295·1	+ 1·2	121	+30
1044	Zomba	15 23	35 18	955	904·6	1008·2	- 2·3	304·4	307·4	18,19,20	293·4	288·0	2nd,4th	298·9	*298·2*	+ 1·7	74	-55
1045	Mossuril	14 57	40 40	15	..	1011·7	..	306·6	310·6	28th	296·1	293·1	15th	301·5	301·3	..	0	..
1046	Antananarivo	18 55	47 33	1375	864·9	1011·5	- 0·2	303·0	305·5	18th	287·7	285·0	11th	295·4	293·8	+ 1·1	87	-43
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1012·8	1013·5	+ 0·8	302·9	304·2	26th	297·2	294·2	7th	300·1	*299·7*	+ 0·2	12	-82
1057	Christmas Island	10 25	105 43	5·5	1009·0	1009·5	+ 0·6	303·7	304·1	sev.dates	297·1	295·8	21st	300·4	*300·1*	+ 0·1	29	-181
1061	Kupang	10 10	123 34	45	1004·4	1009·5	- 0·1	307·1	309·1	6th	297·6	294·7	6th	302·3	301·7	+ 0·9	4	-86
1061a	Derby	17 18	123 40	16·2	1006·3	1008·3	- 1·0	308·2	312·9	8th	298·3	296·3	1,15,16	303·2	..	- 0·5	0	-25
1062	Hall's Creek	18 13	127 46	373	965·7	1005·7	- 3·1	314·2	316·7	10th	299·2	294·2	3rd,18th	306·7	*306·0*	+ 3·1	28	-11
1063	Darwin	12 28	130 51	29·6	1004·6	1008·0	- 0·7	308·1	310·3	22nd	299·8	294·7	3rd	304·0	*302·8*	+ 1·1	25	-92
1064	Daly Waters	16 16	133 23	211	982·9	1007·3	- 2·3	314·0	318·0	7th	298·2	291·9	5th	306·1	*305·4*	+ 1·8	25	-31
1065	Palmerville	15 56	144 8	210	984·2	1007·3	- 1·7	310·1	313·7	6th	294·9	286·8	4th	302·5	..	+ 1·1	49	- 9
1066	Georgetown, Queensland	18 22	143 32	302	975·6	1008·6	- 1·6	310·2	314·4	6th	295·2	287·4	4th	302·7	..	+ 0·7	28	-15
1066a	Willis Island	16 18	149 59	8·5	1008·7	1009·8	..	302·8	304·6	15th	297·7	295·8	4th	300·3	*300·2*	..	6	..
1067	Samarai	10 37	150 40	6·1	..	1009·6	- 0·1	..	..	..	295·8	..	..	..	‡*302·1*	+ 1·5	88	-90
1072	Suva, Fiji	18 8	178 26	6·1	1008·2	1008·9	- 2·2	302·4	304·1	8th,11th	296·2	294·1	25th	299·3	*299·1*	+ 1·2	361	+112
		S.	E.															

NOVEMBER - ZONE 11 (AMERICA, AFRICA).

BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S.	W.															
1105	∮Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	300·4	302·4	1st,4th	292·0	289·7	7th,28th	296·2	*296·0*	- 0·5	187	+33
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·1	1013·9	- 2·3	292·0	295·0	12th	284·5	283·5	12th,18th	288·4	*287·9*	+ 0·4	0	- 1
1122	Antofagasta	23 42	70 24	94	1004·2	1015·3	- 2·2	..	..	..	286·5	284·0	sev.dates	..	*289·6*	- 0·6	4	+ 4
1123	Catamarca	28 27	65 47	528	‡953·3	1010·2	+ 2·6	306·2	314·0	30th	292·7	285·0	1st	299·4	*296·8*	- 0·9	25	-10
1124	Salta	24 46	65 28	1182	879·4	1005·9	- 0·6	302·3	308·5	12th	287·4	281·2	1st	294·8	295·0	+ 0·8	33	-25
1125	Goya	29 9	59 15	37	1007·6	1011·9	+ 1·2	304·4	311·2	30th	289·6	282·8	8th	297·0	*297·1*	+ 1·6	51	-53
1126	Asuncion	25 17	57 41	93	1001·4	1012·1	+ 2·3	304·1	311·2	30th	292·4	284·7	1st	298·2	*297·6*	- 0·1	207	+64
1127	Curityba	25 25	49 17	908	912·3	1013·4	+ 0·3	295·8	300·9	6th	285·6	282·4	27th	290·7	*289·6*	- 1·3	91	-35
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1010·4	1012·5	0·0	296·8	305·4	21st	292·7	290·3	10th	294·8	294·7	- 1·2	61	-42
1139	Windhoek	22 34	E. 17 6	1727	829·1	1007·2	..	302·9	306·4	8th	289·0	285·0	10th	295·9	*295·7*	+ 0·6	3	-18
1140	O'Okiep	29 36	17 52	933	909·9	1013·2	- 0·8	299·7	308·2	2nd	284·6	279·7	15th	292·1	*291·9*	+ 0·4	0	- 5
1141	Kimberley	28 44	24 46	1218	878·1	1008·3	- 0·7	303·8	308·4	17th	287·5	281·9	11th	295·7	*295·7*	+ 1·2	37	0
1141a	Johannesburg	26 11	28 4	1806	822·9	1012·2	- 0·4	297·1	304·3	8th	286·0	279·9	23rd	291·6	*291·2*	+ 1·0	74	-52
1142	Bulawayo	20 9	28 35	1349	867·4	1010·3	- 0·7	302·9	310·0	8th	289·9	285·5	23rd	296·4	*296·0*	+ 0·9	110	+26
1143	Durban	29 52	31 3	15·2	1012·9	1014·7	- 1·7	298·2	306·7	13th	292·5	288·3	23rd	295·4	*294·9*	+ 0·7	116	- 8
1144	Lourenço Marques	25 58	32 36	59·5	..	1013·5	- 1·1	300·7	310·7	20th	292·7	289·2	22nd	296·7	296·2	0·0	143	+67
1147	Mauritius	20 6	57 33	55·2	1009·0	1015·4	- 0·7	301·6	305·0	29th	292·9	290·1	10th	297·3	297·0	+ 0·1	12	-28
		°S.	°E.	metres	mb.	mb	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

NOVEMBER – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1007·4	1008·0	- 1·9	306·9	313·6	30th	290·3	285·9	1st,2nd	298·6	..	- 1·1	0	- 1
1160	Cue	27 27	117 52	454	959·5	1009·8	- 1·0	304·5	313·7	21st	289·6	285·2	6th	297·1	..	- 1·2	2	- 4
1161	Nullagine	21 53	120 5	386	..	..	..	312·8	315·8	4th,26th	294·7	290·2	1st,18th	303·7	..	+ 0·8	0	-12
1162	Laverton	28 40	122 23	466	957·9	1009·4	- 2·6	305·9	313·4	3rd,18th	289·8	284·2	12th	297·9	*297·7*	+ 0·2	0	-17
1163	Alice Springs	23 38	133 37	587	942·6	1005·7	- 2·9	310·0	314·7	23rd	293·2	284·1	21st	301·6	*301·4*	+ 2·4	3	-22
1164	Boulia	22 55	139 38	146	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Thargomindah	27 58	143 43	123	990·5	1006·5	- 2·2	311·8	318·1	24th	294·5	290·4	11th	303·1	*302·9*	+ 1·1	15	-11
1165	Mitchell	26 32	147 52	336	994·1	1007·9	- 2·3	305·9	311·6	23rd	292·4	288·0	6th,7th	299·2	*298·8*	- 0·1	29	+ 3
1166					970·8	1008·2	- 3·3	305·5	311·7	3rd	289·8	281·1	7th	297·6	..	+ 0·5	51	- 1
1167	Rockhampton	23 24	150 30	11·3	1008·3	1009·7	- 3·5	305·6	311·8	4th	293·8	289·7	3rd	299·7	*298·9*	+ 1·1	80	+23
1168	Brisbane	27 28	153 2	41·8	1005·6	1010·0	- 4·5	301·9	311·0	25th	290·3	285·4	8th	296·4	*295·7*	+ 0·3	32	-63
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1011·6	1013·5	- 3·5	295·4	299·1	27th	289·4	283·8	3rd	292·4	*292·0*	0·0	124	+54

NOVEMBER – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 52 W.	6	1020·3	1021·5	..	291·4	296·0	28th	..	..	..	..	*287·7*	..	0	-53
1221a	Punta Tumbes	36 37	73 6	120	1001·9	1016·4	- 0·3	288·4	289·6	29th	280·6	278·0	25th	284·5	*285·0*	- 1·4	7	-11
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·6	1014·5	- 1·5	294·3	300·0	18th	282·8	281·3	7th	288·5	*288·3*	- 0·2	0	- 6
1222a	Santiago	33 27	70 42	520	953·6	1012·9	- 1·8	299·5	303·7	27th	282·9	279·7	2nd	291·2	*291·1*	+ 1·6	0	- 6
1223	Cordoba	31 25	64 12	423	962·0	1010·0	- 0·3	301·9	309·9	12th	286·9	280·6	15th	294·4	294·0	+ 0·8	93	- 3
1224	Bahia Blanca	38 45	62 15	25	1007·0	1009·9	- 2·6	301·4	310·0	28th	286·9	280·1	6th	294·2	294·0	+ 2·4	33	-20
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1009·9	1012·8	- 0·3	298·7	308·3	28th	286·3	276·8	7th	292·8	292·6	+ 0·8	40	-41
1226	Montevideo (Prado)	34 52	56 12	24·9	1008·6	1011·9	- 1·5	298·5	310·4	29th	285·5	277·1	8th	292·0	*292·0*	+ 0·6	20	-61
1226a	Porto Alegre	30 2	W. 51 13	23·5	1010·8	1013·4	+ 0·5	298·3	307·3	30th	287·4	283·6	2nd,8th	293·1	293·1	- 0·8	40	-39
1239	Cape Town	33 56	E. 18 29	12·2	1014·6	1016·1	+ 0·7	295·9	304·7	2nd	286·5	283·3	6th	291·2	*290·1*	+ 0·2	15	-13
1240	Danger Point	34 37	19 18	27·7	..	..	..	293·2	296·3	2nd	286·4	281·9	1st	289·8	..	+ 0·1	37	- 5
1241	Riversdale	34 6	21 16	61·0	..	..	..	298·2	303·3	3rd	285·3	279·1	1st	291·7	..	- 0·1	10	-25
1242	East London	33 1	27 54	45·4	1009·9	1015·2	+ 0·1	295·6	299·7	29th	288·3	284·1	1st	292·2	..	+ 0·4	53	-12
1259	Perth (Observatory)	31 57	115 51	60·0	1006·6	1013·5	- 2·1	296·2	302·9	8th	286·9	284·3	19th	291·6	*291·3*	- 0·4	28	+ 8
1260	Katanning	33 42	117 35	310	977·7	1013·6	- 1·2	296·5	303·4	21st	283·5	279·5	28th	290·0	..	- 0·7	90	+73
1261	Coolgardie	30 57	121 10	423	963·8	1011·5	- 1·4	300·9	310·8	21st,26th	285·9	281·3	13th	293·4	*293·2*	- 1·3	37	+22
1262	Eucla	31 45	128 58	4·6	1011·9	1012·5	- 2·1	294·5	310·2	22nd	286·8	282·4	21st,30th	290·7	*290·1*	- 1·0	33	+16
1263	Streaky Bay	32 48	134 13	13·1	1011·4	1012·8	- 2·5	296·6	312·2	2nd	285·5	279·7	29th	291·0	*290·2*	- 1·6	44	+28
1264	Adelaide	34 56	138 35	42·7	1007·7	1012·8	- 2·3	297·5	309·9	1st	285·3	280·1	30th	291·2	*290·7*	- 1·2	24	- 5
1265	Melbourne	37 49	144 58	35·1	1006·7	1010·8	- 3·6	293·0	303·9	1st	284·1	280·0	1st	288·5	*288·3*	- 0·3	74	+17
1266	Bourke	30 13	145 58	110	998·4	1010·8	- 3·5	305·7	314·1	3rd	289·1	284·1	27th	297·4	..	- 1·1	12	-19
1267	Sydney	33 51	151 13	42·1	1004·2	1008·9	- 4·3	294·9	300·2	23rd	287·4	283·4	7th	291·2	*290·8*	- 1·2	78	+ 7
1268	Lord Howe Island	31 20	159 0	4·9	1009·4	1009·9	- 6·4	295·1	299·1	24th,25th	288·7	285·2	10th	291·9	..	- 0·8	252	+146
1271	Auckland	36 51	174 48	13·4	..	1008·7	- 5·5	292·6	295·6	23rd	286·7	281·3	3rd	289·6	..	+ 0·9	180	+95
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	292·6	298·0	30th	285·5	280·8	13th	289·0	..	+ 0·1	98	+34

NOVEMBER – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52 S.	176 42 W.	45·7	..	..	..	..	..	..	..	..	..	..	..	..	72	+ 2
1321	♯Isla Guafo	43 34	74 45	140	999·8	1016·8	+ 0·4	283·8	285·7	21st	..	..	..	..	*282·1*	- 0·5	71	+ 2
1322	Punta Galera	40 1	73 44	40	1013·0	1017·9	+ 0·2	287·1	290·0	26th	282·2	280·2	3rd	284·7	*284·6*	+ 0·2	84	-23
1323	Sarmiento	45 34	69 0	272	975·2	1007·3	- 1·0	292·4	297·8	27th	280·9	275·1	25th	286·6	286·1	- 0·7	4	- 2
1324	♯Puerto Madryn	42 49	W. 64 58	14	1006·1	1007·8	- 2·2	297·8	305·1	20th	280·2	272·4	24th	289·0	289·4	+ 0·4	1	- 9
1365	♯Launceston	41 27	E.147 10	**	1005·8	1007·0	- 3·4	291·6	297·3	7th	281·8	276·3	6th	286·7	*285·9*	- 0·8	54	+ 8
1366	Hobart	42 53	147 20	53·9	1001·1	1007·5	- 1·3	289·4	295·4	19th	281·3	276·7	6th	285·3	*284·5*	- 1·6	80	+17
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·3	292·4	23rd	280·0	272·4	16th	283·9	..	- 0·5	112	+ 1
1370	Alexandra	45 15	169 24	159	..	..	..	291·8	295·3	14,20,24	280·8	274·6	1st	286·3	285·8	..	63	..
1371	Dunedin	45 52	170 31	6·1	..	1004·0	- 3·2	288·3	293·8	17th	280·1	273·0	16th	284·4	..	- 0·4	95	+10
1371a	Christchurch	43 32	172 37	7·8	..	1003·5	- 4·9	291·2	298·0	21st	281·1	273·2	16th	286·1	..	- 0·5	27	-23
1372	Wellington	41 16 S.	174 46 E.	128	..	1005·9	- 5·5	288·9	291·3	22nd	283·2	276·8	16th	286·1	285·5	- 0·7	84	- 5

NOVEMBER – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24 S.	75 6 W.	55	990·8	997·5	- 4·4	280·7	282·5	13th	275·6	274·0	19th	278·1	*278·6*	- 0·6	348	+97
1422	Magallanes (Punta Arenas)	53 10	70 54	28	992·3	996·2	- 4·3	284·4	287·5	13th	276·3	273·5	3rd	280·3	*280·5*	- 0·9	17	-13
1423	Punta Dungeness	52 24	68 26	5	995·5	996·1	- 3·1	285·2	290·0	12th,13th	277·2	274·0	26th	281·2	*280·8*	- 0·6	4	- 8
1424	♯Santa Cruz	50 1	68 31	12	998·3	1000·2	- 2·9	290·6	296·2	20th	278·6	273·8	24th	284·6	284·5	- 0·3	10	- 1
1425	♯Stanley, Falkland Is.	51 42	57 51	1·8	..	998·2	- 3·2	284·3	290·3	20th	275·2	270·3	24th	279·7	..	- 0·6	78	+26
1426	Cape Pembroke	51 41	57 42	21·3	995·5	998·1	- 1·2	282·7	288·0	20th	276·3	273·0	23rd	279·5	279·7	0·0	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	999·4	999·9	+ 6·0	280·9	289·8	12th	273·6	270·1	5th	277·3	*277·8*	+ 1·9	31	-57

NOVEMBER – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	♯South Orkneys	60 44 ° ′ S.	44 39 ° ′ W.	7 metres	990·3 mb.	991·5 mb.	+ 2·6 mb.	274·4 °A.	278·2 °A.	12th	270·4 °A.	268·5 °A.	25th	272·4 °A.	272·3 °A.	+ 1·5 °A.	31 mm.	- 3 mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 10·1m. to 81·1m. from November 30th.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, DECEMBER 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF DECEMBER, 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

DECEMBER – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1015·2	+ 2·3	255·1	269·1	9th,10th	247·2	236·3	25th,31st	251·1	..	+ 2·5	1	- 6
125	Upernivik	72 47	56 7	19·2	993·6	996·1	-10·2	262·6	272·9	7th	258·1	250·0	27th	260·3	*260·3*	+ 4·3	7	- 6
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	995·8	998·0	..	265·3	276·1	8th	258·3	247·4	18th	262·1	*262·3*	..	26	..
135	Jan Mayen	70 59	W. 8 18	23·1	988·4	991·3	- 9·9	..	278·4	8th	270·9	262·9	17th	..	*273·1*	+ 3·1	45	- 4
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	999·0	1000·4	- 6·3	..	276·6	24th	264·4	246·5	1st	..	268·1	+ 9·5	38	- 1
140	Björnöen	74 28	19 17	29·2	‡993·7	998·8	- 4·8	..	277·2	22nd	270·7	264·4	18th	..	*272·7*	+ 5·0	48	+11
141	Ingöy	71 4	24 6	4·3	999·3	1000·1	- 2·9	..	280·8	20th	272·9	266·8	27th	..	*275·1*	+ 2·7	25	-45
142	Sletnes	71 5	28 14	10·2	1002·5	1003·8	- 1·1	..	279·2	19th	270·8	265·7	27th	..	*273·2*	..	22	..
143	Vardö	70 22	31 8	11·8	1004·5	1006·0	+ 0·3	..	277·0	20th	270·7	265·4	26th	..	*272·7*	+ 4·1	20	-43
147	Malye Karmakouly	72 23	52 43	15·3	1015·8	1017·8	+ 7·8	..	..	..	..	..	..	..	*275·1*	+ 6·0	11	-10
148	Waigatz	70 24	58 47	11·2	1019·4	1020·9	+12·4	..	..	..	..	..	..	..	*261·8*	+ 4·0	4	- 7
153	Dickson	73 31	80 23	13·0	1017·5	1019·3	+ 5·2	256·0	272·4	21st	248·0	234·4	4th	252·0	*252·1*	+ 2·9	5	- 2
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

DECEMBER – ZONE 2.

201	Preobrajenye	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	265·9	276·3	7th,9th	259·8	236·3	29th	262·7	..	..	30	..
203	Nome	64 30	165 24	6·7	..	..	..	?268·4	?273·0	1,9,16	?259·8	?231·9	29th	?264·1	..	+ 5·7	25	- 3
204	Bethel	60 45	161 47	11·5	..	1011·8	..	263·2	276·3	1st	255·8	238·0	30th	259·5	..	..	9	..
205	Tanana	65 10	152 6	69·5	1008·1	1017·3	+ 6·2	253·3	270·2	6th	244·6	223·6	30th	248·9	*249·1*	0·0	15	- 3
206	Rampart	65 30	150 15	114	..	..	..	250·9	269·7	6th	243·1	222·4	29,30,31	247·0	..	- 1·1	9	- 8
207	Valdez	61 7	146 16	122	..	..	..	272·4	281·9	11th	262·8	249·7	31st	267·6	..	..	77	..
208	Eagle	64 46	141 12	248	986·2	1019·3	+ 3·4	253·9	271·3	1st	244·9	226·3	30th,31st	249·4	*249·6*	+ 0·7	4	- 8
209	Dawson	64 4	139 29	324	..	1025·0	..	247·7	263·0	1st	240·2	226·3	31st	243·9	*244·1*	- 5·1	29	+ 4
210	Mayo Landing	63 35	135 51	?579	955·8	1035·0	..	250·8	269·1	3rd	242·5	223·0	31st	246·7	*247·2*	..	36	..
211	Fort Good Hope	66 15	128 38	65·2	1013·2	1022·4	..	252·2	269·7	5th	240·5	224·7	31st	246·3	..	+ 2·5	27	+ 7
212	Fort Simpson	61 52	121 35	129	1000·3	1018·2	..	253·4	266·9	3rd	246·4	..	..	249·9	..	+ 1·7	8	-14
213	Hay River	60 51	115 57	161	996·3	1018·4	..	255·9	267·4	3rd,28th	243·8	231·9	10th	249·9	*249·3*	- 1·9	17	- 2
225	Jacobshavn	69 13	51 2	31·8	987·9	992·0	-11·8	264·3	275·3	6th	259·0	250·0	21st,22nd	261·7	*261·7*	+ 1·7	4	- 9
226	Godthaab	64 10	51 43	20	..	..	..	267·0	278·2	1st	262·8	256·2	25th	264·9	*264·7*	- 0·4	1	-39
227	Ivigtut	61 12	48 10	30·0	984·7	988·5	-10·6	268·9	279·9	1st	263·2	256·2	25th	266·1	*266·2*	- 0·5	12	-66
229	Angmagsalik	65 36	37 33	29·3	983·8	987·3	-11·8	272·1	282·7	7th	266·0	257·9	22nd	269·1	*269·2*	+ 3·0	41	-31
231	Stykkisholm	65 5	22 46	25	..	982·7	-16·1	278·3	280·9	4th	271·3	266·4	31st	273·8	*274·0*	+ 2·3	73	+ 8
232	Vestmanno	63 24	20 17	132	..	981·0	-16·0	277·4	281·1	18th	273·4	267·5	23rd	275·4	*275·8*	+ 2·2	202	+63
233	Grimsey	66 33	18 1	22	..	984·7	-16·1	275·2	278·7	3rd	..	..	..	..	*273·9*	+ 2·2	37	+18
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	994·3	-15·1	277·5	283·2	18th	273·0	267·9	15th	275·3	*274·8*	+ 2·3	182	+45
235	Hjörvig	62 3	6 45	22·9	985·5	988·3	-13·7	279·4	283·1	18th	275·9	272·4	27th	277·7	*278·0*	+ 1·4	131	-41
236	Lerwick	60 8	W. 1 11	18·0	..	991·6	-12·8	279·9	283·0	18th,19th	277·3	273·8	25,26,27	278·6	*279·1*	+ 1·1	207	+85
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	992·5	997·9	- 9·8	280·3	285·0	6th	276·2	270·1	26th	278·3	*278·3*	+ 2·9	203	+22
238	Aalesund	62 28	6 10	6·3	995·4	996·2	-10·4	..	285·6	6th	276·4	271·0	26th	..	*278·8*	+ 2·8	55	-71
239	Trondhjem	63 26	10 25	59·2	991·6	998·9	- 7·9	276·4	281·0	6th	272·1	266·8	25th	274·3	*274·8*	+ 4·2	66	0
240	Bodö	67 17	14 26	17·0	996·3	998·4	- 6·5	..	281·4	19th	274·8	270·3	14th	..	*276·5*	+ 5·0	32	-46
241	Haparanda	65 50	24 9	9·2	1005·3	1007·0	- 2·9	274·4	277·2	19th	271·3	263·5	17th,18th	272·9	*273·1*	+ 9·7	131	+96
242	Helsingfors	60 10	24 57	11·7	1010·3	1011·7	- 0·5	277·2	280·4	8th	273·9	267·8	25th	275·5	*275·9*	+ 6·8	85	+34
242a	Kuopio	62 55	27 40	233	982·4	1011·5	- 0·4	273·3	278·0	8th	270·3	264·5	18th	271·8	*272·0*	+ 6·6	51	+ 4
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangalsk	64 34	40 31	6·3	1017·9	1018·7	+ 7·6	..	..	..	..	..	..	..	*266·2*	+ 4·5	38	+14
246	Mezen	65 50	44 16	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 25	52 18	? 68	1015·4	1024·6	+11·6	261·5	273·3	24th	255·2	233·5	7th	258·4	*258·1*	- 0·3	21	0
248	Tcherdyn	60 24	56 31	?208	1004·4	1032·7	+15·5	257·6	268·5	25th	251·4	231·2	9th	254·5	*254·3*	- 2·9	20	-19
249	Berezov	63 56	65 4	46	1022·3	1028·7	+10·3	..	..	..	..	..	..	..	*252·9*	0·0	5	-10
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	1023·2	1030·0	+10·7	..	..	..	..	..	..	..	*246·3*	- 6·2	11	-10
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	1020·4	1026·9	+ 6·9	..	..	..	..	..	..	..	*243·0*	- 3·2	21	+ 8
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1015·3	1032·1	+ 6·9	..	..	..	..	..	..	..	*229·6*	- 3·4	5	- 5
263	Verkholansk	67 33	133 24	100	1005·5	1020·6	- 3·0	..	..	..	..	..	..	..	*228·4*	+ 1·7	6	+ 2
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 58	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	..	..	..	..	..	..	..	..	..	3	- 6

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

RÉSEAU MONDIAL

DECEMBER - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1007·8	+ 4·4	274·2	276·9	sev.dates	270·3	264·1	27th,28th	272·5	..	+ 2·0	48	-16
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1007·0	1007·4	+ 7·2	276·2	279·1	1st	271·6	261·9	29th	273·9	*274·3*	+ 0·7	82	-91
304	Chernofski Harbor	54 27	166 42	?	..	..	..	276·6	279·7	18th	271·6	266·9	2nd	274·1	..	..	119	..
305	Dillingham	59 0	158 28	24·4	..	..	..	268·8	276·9	1st	260·5	243·0	30th	264·7	..	- 0·1	17	-23
306	Kodiak (Radio)	57 47	152 22	4·6	1006·5	1007·4	+ 8·3	?277·1	?289·7	12th	270·2	264·7	31st	?273·7	*273·6*	+ 1·0	39	-99
309	Sitka	57 3	135 19	19·8	..	..	..	275·3	282·4	2nd	268·6	258·0	11th,13th	271·9	..	- 3·0	149	-79
310	Prince Rupert	54 18	130 18	51·8	1004·6	1011·1	+ 1·8	276·6	282·4	4th	272·1	260·8	10th	274·3	*274·6*	- 0·8	219	-102
311	Barkerville	53 2	121 35	1274	..	..	..	267·6	276·3	5th,28th	259·7	245·2	11th	263·7	..	- 2·5	112	+23
312	Kamloops	50 41	120 29	385	973·2	1021·7	- 2·3	271·9	285·2	29th	267·1	253·0	13th	269·5	*269·8*	- 0·7	23	- 5
313	Calgary	51 2	114 2	1058	890·8	1020·0	+ 2·4	270·1	285·2	4th	258·4	241·3	13th	264·2	*264·0*	- 1·8	25	+13
314	Fort Chipewyan	58 43	111 9	218	989·1	1018·6	..	255·4	274·7	28th	248·3	233·0	10th	251·9	*252·3*	- 2·3	..	..
315	Prince Albert	53 10	105 38	437	964·1	1021·9	+ 2·0	260·9	279·1	29th	249·9	232·4	17th	255·4	*255·3*	- 3·0	29	+11
316	Qu'Appelle	50 30	103 47	651	939·5	1023·4	+ 3·4	263·3	278·6	29th	254·3	239·7	17th	258·8	*258·6*	- 1·3	41	+12
317	Minnedosa	50 15	99 50	515	954·1	1021·2	+ 2·0	262·2	276·9	29th	253·0	238·0	18th	257·6	*257·4*	- 2·1	23	+ 6
318	Port Nelson	57 0	92 51	14·9	..	..	..	257·1	273·0	31st	244·7	233·0	15th	250·9	..	- 5·8	23	- 1
318a					..	..	..	..	..	..	..	..	..	..	..	..	..	..
319	Pagwa	50 3	85 18	189	..	..	..	263·0	271·9	25th	247·9	231·3	18th	255·4	..	- 3·4	41	- 2
320	Moose Factory	51 14	80 30	9·1	1013·4	1014·6	..	..	..	..	..	..	..	..	..	..	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	256·3	287·4	27th	248·4	235·8	23rd	252·3	..	- 4·6	38	-26
324	Natashquan	50 8	61 48	6·1	..	..	..	261·7	272·4	15th	251·6	243·0	26th	256·7	..	- 5·4	42	-20
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	††57 58	††17 17	§(21)	..	..	..	..	..	Sea Temp. 281·8/-0·1	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	998·0	999·7	-11·0	282·6	286·1	2nd	278·2	273·0	16th	280·4	280·6	+ 0·1	292	+127
335	Aberdeen	57 10	W. 2 6	26·0	991·3	994·2	-12·8	280·2	284·7	13th	276·0	272·0	22nd	278·1	278·3	+ 1·6	167	+85
336	Greenwich	51 28	0 0	46·3	..	1006·9	- 7·1	281·9	286·9	14th	276·6	269·7	20th	279·3	279·4	+ 1·7	115	+58
337	Uccle	50 48	E. 4 22	100	998·7	1011·0	- 5·7	282·2	286·1	4th	276·3	266·4	20th	279·2	278·9	+ 3·2	119	+43
338	De Bilt	52 6	5 11	3·0	1008·5	1008·9	- 5·7	281·0	285·3	5th	275·6	266·6	20th	278·3	278·2	+ 2·6	92	+23
338a	Hamburg	53 33	9 58	40·3	1005·2	1010·2	- 3·3	279·4	284·6	5th	275·5	266·2	25th	277·5	277·9	+ 3·0	85	+22
339	‡Copenhagen(Meteor. Inst.)	55 41	12 36	5·0	1008·0	1008·6	- 4·7	278·9	283·8	14th	275·5	268·7	25th	277·2	*277·4*	+ 3·5	68	+23
340	Potsdam	52 23	13 4	84·9	1002·6	1013·2	- 2·2	278·8	286·1	5th	274·1	264·7	24th	276·5	276·3	+ 2·8	52	+ 8
340a	Uppsala	59 51	17 38	24	1004·1	1007·1	- 4·1	277·1	280·4	8th	273·5	266·8	18th,25th	275·3	275·5	+ 6·1	59	+18
341	Warsaw	52 13	21 3	89·9	1006·2	1017·5	- 0·1	277·4	283·4	15th	272·1	262·2	24th	274·7	*274·7*	..	40	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1004·5	1014·7	+ 1·7	275·6	279·6	8th	272·4	263·1	25th	274·0	274·1	+ 6·0	25	-14
343	Leningrad	59 56	30 16	4·8	1014·7	1015·3	+ 2·4	..	..	..	..	..	..	..	*273·2*	+ 6·0	29	- 3
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	1004·8	1026·1	+ 8·5	..	..	..	..	..	..	..	*267·0*	+ 2·0	23	-17
345	Saratov	51 32	46 2	127	1017·4	1034·5	+13·0	262·8	273·9	5th	256·3	244·3	13th	259·6	*259·8*	- 3·4	16	..
346	Kazan	55 47	49 8	79·9	1023·4	1034·3	+13·2	261·3	273·2	5th	255·7	244·8	13th	258·5	258·5	- 4·2	29	+ 3
347	Orenburg	51 45	55 6	109	1023·6	1038·7	+12·5	257·7	268·9	6th	250·3	238·3	12th	254·0	*254·1*	- 7·5	9	-23
348	Perm	58 1	56 16	163	1013·1	1035·3	+14·1	258·8	270·0	4th	252·8	235·2	9th	255·8	255·8	- 4·2	26	-16
349	Sverdlovsk	56 50	60 38	281	997·1	1035·2	+13·9	..	..	..	..	..	..	..	*255·2*	- 5·1	6	- 8
350	Tobolsk	58 12	68 14	108	1019·5	1034·7	+12·9	..	..	..	..	..	..	..	*249·0*	- 8·0	18	- 4
351	Akmolinsk	51 12	71 23	347	989·4	1038·0	+ 8·4	..	..	..	245·0	227·3	11th	..	*249·0*	- 8·0	18	- 4
352	Omsk	55 1	73 19	108	1019·5	1034·8	+10·2	..	..	..	241·3	229·3	12th	..	*246·2*	-12·8	11	-14
353	Barnaoul	53 20	83 47	158	1014·3	1037·1	+ 7·9	252·6	268·3	3rd	240·2	227·7	14th	246·5	?*248·2*	-10·1	10	-18
354	Tomsk	56 30	84 58	123	1016·2	1033·6	+ 7·4	..	..	..	240·6	225·1	13th	..	*245·0*	-11·1	22	-22
355	Minousinsk	53 43	91 41	249	1002·3	1036·9	+ 4·9	..	..	..	..	..	..	..	*249·5*	- 6·3	1	-10
356	Eniseisk	58 27	92 10	81·2	1020·4	1032·1	+ 5·7	..	..	..	..	..	..	..	*243·7*	- 9·3	13	-14
357	Irkutsk	52 16	104 19	467	971·9	1036·2	+ 4·6	..	..	..	..	..	..	..	*247·6*	- 6·7	11	- 3
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	941·9	1035·4	+ 4·5	..	..	..	..	..	..	..	*245·7*	- 2·9	10	+ 6
360	Nertchinskii Zavod	51 19	119 37	621	948·3	1032·6	+ 4·0	..	..	..	..	..	..	..	*247·0*	+ 0·1	11	+ 7
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1008·2	1027·9	+ 4·8	..	..	..	..	..	..	..	*249·7*	- 1·5	15	+11
364	Chanter Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1013·8	1019·7	+ 6·9	..	..	..	..	..	..	..	*249·9*	- 2·8	14	- 7
366	‡Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	*249·6*	- 2·6	..	..
368	‡Petropavlovsk (Phare)	52 53	158 43	87·1	993·4	1004·6	+ 2·9	..	..	..	..	..	..	..	*264·7*	- 0·9	41	-36
369	Kluchevskoye	56 21	160 46	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

DECEMBER - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1006·8	1015·5	- 1·0	280·3	284·1	6th,24th	276·8	271·3	9th	278·6	*278·4*	+ 0·5	125	-21
412	Portland, Oregon	45 32	122 41	46·6	1013·3	1018·6	- 0·2	282·9	288·0	13th	277·8	274·1	29th	280·4	*280·4*	+ 2·4	223	+47
413	Macleod	49 44	113 24	953	..	..	..	268·9	284·1	4th,30th	260·6	241·3	13th	264·7	*264·7*	- 4·0	53	+39
414	Helena	46 34	112 4	1253	873·4	1020·0	+ 0·1	274·6	287·4	14th	264·8	254·7	18th	269·8	*269·7*	+ 0·9	66	+46
414a	Salt Lake City	40 46	111 54	1329	871·4	1022·0	+ 1·3	280·6	289·7	14th	272·8	264·7	21st	276·6	*276·9*	+ 3·8	11	-24
416	Cheyenne	41 8	104 48	1856	812·5	1019·6	+ 1·8	279·3	288·6	15th	268·1	254·1	19th	273·7	*273·6*	+ 2·9	3	- 9
416	North Platte	41 8	100 45	860	918·1	1021·0	+ 0·4	280·2	291·9	14th	265·1	252·4	18th	272·6	*270·8*	+ 2·5	0	-14
416a	Bismarck	46 47	100 38	510	956·9	1020·6	+ 0·7	267·7	281·3	4th	257·9	240·2	18th	262·8	*263·0*	- 1·3	21	+ 6
417	Winnipeg	49 53	97 7	232	990·4	1021·3	..	261·1	277·4	29th	253·7	239·7	18th	257·4	*257·4*	- 1·0	37	+13
418	Duluth	46 47	92 6	345	974·6	1018·3	+ 0·7	266·6	278·0	30th	258·9	245·8	18th	262·8	*262·7*	- 0·6	23	- 7
419	Port Arthur	48 27	89 12	196	993·4	1018·9	+ 1·7	265·8	276·9	30th	258·5	245·8	18th	262·3	*262·6*	- 0·6	45	+24
420	Chicago	41 47	87 35	205	991·9	1017·3	- 1·4	273·9	281·3	13th	268·3	255·8	3rd	271·1	*271·2*	- 1·0	47	- 6
421	Toronto	43 40	79 24	116	1002·6	1017·4	- 0·4	272·4	278·0	31st	266·2	258·6	12th	269·6	*269·2*	- 0·7	58	- 5
422	♯New York (Central Park)	40 47	73 58	47·4	1012·0	1018·0	- 0·4	278·3	288·3	14,15,19	271·8	262·4	12th	275·1	274·8	+ 0·4	85	- 2
424	St. John, N.B.	45 17	66 4	36·3	1011·7	1016·4	..	270·9	279·7	20th	263·6	254·7	23rd	267·3	*266·9*	- 1·5	101	- 5
424	S.W.Point, Anticosti	49 24	63 33	9·1	1012·5	1013·7	..	265·7	271·9	20th,27th	259·6	252·4	7th,8th	262·7	*262·8*	- 3·7	58	0
424a	Sable Island (Main Station)	43 57	60 6	7·6	1013·7	1014·7	..	277·0	283·0	2,19,20	270·8	261·9	11th	273·9	*273·9*	- 0·9	133	- 3
425	Port aux Basques	47 35	59 10	9·1	1010·7	1011·9	+ 2·0	270·2	275·8	30th	264·7	259·1	27th	267·4	*267·4*	- 3·4	122	-13
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	947·2	1027·1	+ 5·3	283·3	288·1	15th	276·3	270·7	20th	279·8	*279·3*	+ 1·6	39	- 2
436	Nantes	47 15	W. 1 34	36·5	1009·7	1014·2	- 2·7	283·5	287·5	11th	279·0	267·6	20th	281·2	281·1	+ 2·8	151	+56
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1008·1	1014·3	- 2·6	282·7	287·6	11th	276·8	267·4	21st	279·8	279·9	+ 3·5	89	+47
438	Marseille	43 18	5 23	75	..	1017·5	+ 1·8	286·0	291·3	13th	277·9	269·2	20th	281·9	*281·5*	+ 0·9	58	+ 5
438a	Zürich	47 23	8 33	493	960·0	1019·8	+ 0·1	280·1	287·3	29th	274·0	264·0	22nd	277·1	276·7	+ 3·7	111	+35
439	Rome	41 54	12 29	45·5	1012·1	1017·5	+ 1·7	285·8	291·1	1st	277·4	272·0	22nd	281·6	*281·3*	+ 0·3	57	-41
440	Vienna	48 15	16 22	203	993·8	1019·0	+ 0·2	277·7	286·0	15th	273·6	267·6	20th	275·7	275·7	+ 2·5	48	+ 1
440a	Budapest	47 31	19 1	130	1004·0	1020·3	+ 1·5	278·4	285·5	15th	274·4	268·1	25th,26th	276·4	276·0	+ 2·7	38	-16
441	Sofia	42 42	23 20	550	954·5	1021·8	+ 0·5	276·8	283·2	16th	272·1	268·0	24th	274·5	*274·2*	+ 1·1	85	+52
442	Bucharest	44 25	26 6	82	1011·9	1022·2	+ 1·2	277·4	285·4	6th	272·5	263·6	23rd	274·9	274·6	+ 2·2	41	+ 1
443	Odessa (Observatory)	46 26	30 46	42·8	1018·3	1023·7	+ 3·6	276·2	284·5	3rd	273·8	260·9	23rd	275·0	*274·0*	+ 1·0	13	-17
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1016·2	1020·6	+ 1·5	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	41 43	44 48	404	976·7	1026·7	+ 3·4	277·4	288·2	3rd	271·1	260·4	29th	274·3	274·2	+ 2·8	35	-57
446	Astrakhan	46 21	48 2	-20	1034·0	1031·4	+ 7·6	268·2	276·5	4th	261·9	246·7	24th	265·0	*265·0*	- 0·1	33	+11
447	Fort Alexandrovsk	44 31	50 7	-23·0	1032·3	1029·4	+ 7·2	..	..	..	..	..	..	..	*253·2*	-13·0	1	-12
448	Krasnovodsk	40 0	52 59	-4·6	1027·8	1027·2	+ 5·0	..	..	..	..	..	..	..	*272·6*	- 6·6	1	-13
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*253·2*	-13·0	1	-12
450	Tashkent	41 20	69 18	479	969·2	1030·0	+ 4·0	271·3	287·5	3rd	262·2	250·9	19th	266·8	266·6	- 8·9	66	+29
451	Narynskoe	41 26	76 13	2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451a	Andijan	40 47	72 23	503	967·4	1031·0	..	271·9	282·3	3rd	265·3	250·2	30th	268·6	*268·3*	..	55	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Moukden	41 48	123 23	43·8	1022·9	1028·7	+ 1·9	268·0	276·6	1st	258·9	249·7	18th	263·5	263·4	+ 0·6	33	+24
462	Joshin	40 40	129 12	31·9	1021·7	1025·8	+ 4·8	275·3	280·8	1st	267·7	260·6	23rd	271·5	271·4	+ 1·8	41	+11
463	Yuki	42 20	130 24	63·8	1018·5	1026·8	+ 5·3	269·6	277·7	11th	263·0	257·6	21st	266·4	266·5	0·0	37	+25
464	Vladivostok	43 7	131 54	128	1009·9	1026·9	+ 5·4	..	..	..	..	..	..	..	*261·8*	- 1·4	18	+ 5
465	Ochiai	47 20	142 47	27·4	1016·1	1019·7	+ 8·2	267·9	276·4	2nd	257·0	246·6	26th	262·5	262·8	- 0·9	33	-23
466	Nemuro	43 20	145 35	26·7	1015·3	1018·7	+ 7·6	276·8	285·3	18th	269·4	264·6	24th,30th	273·1	272·9	+ 1·4	69	+11
466a	Syana	45 14	147 53	39·3	1012·2	1017·2	+ 8·4	274·2	285·2	18th	267·7	263·2	22nd	270·9	271·0	+ 0·3	106	- 2
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

DECEMBER - ZONE 5 (AMERICA).

511	San Francisco	N. 37 48	W. 122 26	47·2	1014·2	1020·0	- 0·2	287·8	296·3	5th	282·9	276·9	30th	285·3	*285·2*	+ 2·0	78	-38
512	Sacramento	38 35	121 30	21·0	1018·1	1020·6	+ 0·2	286·1	293·0	13th	279·3	272·4	2nd	282·7	*282·9*	+ 1·8	103	+ 7
513	San Diego	32 43	117 10	26·5	1014·2	1017·3	- 0·5	293·3	298·6	24th	284·1	280·8	23rd	288·7	*288·3*	+ 2·6	0	-46
514	Modena	37 48	113 54	1668	836·6	1021·3	+ 1·7	283·9	288·6	15th	265·7	258·0	27th	274·6	*273·8*	+ 3·8	0	-16
515	Santa Fé	35 41	105 57	2138	788·4	1022·3	+ 1·9	280·1	287·4	15th	267·3	255·8	21st	273·7	*272·6*	+ 1·8	3	-16
516	Denver	39 45	105 0	1613	837·8	1019·6	+ 1·6	282·2	291·9	10th	269·5	253·0	2nd	275·8	*276·0*	+ 3·0	8	-10
517	Abilene	32 23	99 40	530	958·4	1021·0	+ 1·0	288·9	299·7	11th	276·1	261·3	19th	282·5	*281·5*	+ 2·0	4	-26
518	Saint Louis	38 38	90 12	173	997·8	1018·9	- 1·0	280·0	293·6	11th	272·1	258·6	20th	276·1	*276·0*	+ 1·1	78	+14
519	Mobile	30 41	88 2	17·4	1020·6	1022·7	+ 2·0	288·2	297·4	12th	277·8	266·9	20th	283·1	*282·7*	- 1·1	125	+ 1
520	Nashville	36 10	86 47	166	1001·5	1022·0	+ 0·6	283·0	293·6	12th	274·3	258·6	3rd	278·7	*279·1*	+ 0·6	85	-15
521	Charleston	32 47	79 56	14·6	1020·0	1021·7	+ 1·0	288·3	296·3	16th	278·5	270·2	20th	283·4	*283·2*	- 0·2	90	+17
522	Washington	38 54	77 3	34·1	1014·6	1018·9	- 1·3	280·9	294·1	15th	272·2	263·6	1st	276·6	*276·4*	+ 1·2	56	-26
524	Bermuda	32 17	64 46	38·1	1018·4	1023·2	..	295·6	298·6	3rd	290·0	287·4	13th,27th	292·8	*292·3*	+ 1·0	91	-29
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

DECEMBER - ZONE 5 (EUROPE, AFRICA, ASIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27 N.	31 9 W.	40	1016·0	1020·7	+ 1·1	291·8	294·3	1st	286·4	281·3	25th	289·1	289·3	+ 0·7	149	-41
531	Horta	38 32	28 38	65	1014·3	1022·2	+ 1·9	291·4	293·0	10th,15th	287·2	281·8	24th	289·3	289·2	+ 0·6	73	-50
532	Ponta Delgada	37 44	25 40	22	1020·8	1023·4	+ 2·3	291·1	292·5	18th	288·0	282·7	25th	289·5	289·6	+ 1·1	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	83	-55
533	Madeira (Funchal)	32 38	16 55	25	1023·1	1026·1	+ 4·5	293·2	296·0	5,15,16	288·4	286·5	19th	290·8	*290·9*	+ 1·7	30	-52
535	Lisbon	38 43	9 9	95	1012·1	1023·6	+ 3·7	288·5	290·4	12th	283·9	278·3	17th	286·2	286·2	+ 2·3	46	-58
535a	Melilla	35 17	2 59	40	1020·4	1025·2	..	292·1	293·7	4th	284·5	281·2	19th	288·3	*288·2*	+ 0·6	5	-91
536	Gibraltar	36 6	5 21	27·4	..	1023·6	+ 3·3	291·4	293·6	1,11,25	283·6	279·1	27th	287·5	*286·9*	+ 1·2	63	-75
536a	Colomb-Béchar	31 37	W. 2 13	769	933·6	1023·2	..	292·6	296·9	7th	269·3	264·3	22nd	281·0	*280·9*	- 1·2	0	- 2
537	Palma	39 34	E. 2 39	23	1017·8	1020·6	+ 2·4	291·0	295·6	14th	278·5	273·4	21st	284·8	*283·9*	+ 0·2	30	-26
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	291·5	296·5	2nd	279·0	274·2	30th	284·7	,,	- 0·4	1	- 2
539	Tunis	36 48	10 10	75	1011·6	1020·7	..	289·0	294·0	5th	280·8	273·8	20th	284·9	*294·7*	+ 0·4	47	-13
540	Malta	35 54	14 31	71·2	..	1017·8	+ 1·9	289·1	293·0	2nd	284·5	279·6	21st	286·8	*286·3*	- 0·6	35	-59
541	Athens	37 58	23 43	107	1003·6	1016·8	- 0·5	287·9	292·1	4th	282·3	278·2	23rd	285·1	284·6	+ 1·1	68	+ 3
542	Alexandria	31 12	29 53	32·0	1012·3	1016·2	- 1·7	292·9	297·8	5th	284·9	279·6	27th	288·9	*288·5*	- 0·6	85	+19
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1016·4	- 1·0	289·2	293·0	2nd,3rd	280·3	276·9	28th	284·7	..	- 0·2	144	+66
544	Beirut	33 54	35 28	33·7	..	1016·7	- 1·0	290·9	293·6	6th	285·6	282·2	17th	288·2	*288·0*	- 0·3	213	+22
545	Hinaidi	33 17	44 29	32·3	1014·5	1018·4	- 1·8	289·5	295·2	1st	278·4	273·6	22nd	283·9	*283·7*	0·0	38	+15
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	ǂTehran	35 41	51 25	1220	872·5	1012·6	..	280·5	287·6	2nd	272·5	268·2	31st	276·5	*276·0*	- 2·0	17	-14
548	Meshed	36 17	59 38	946	..	..	..	276·6	291·4	2nd	266·8	255·8	19th	271·7	..	- 5·0	..	..
549	Seistan	31 0	61 30	7610	965·5	..	..	285·3	295·6	3rd	273·6	267·3	21st	279·5	..	- 2·1	13	0
550	Quetta	30 12	67 0	1647	836·9	..	- 2·3	279·9	293·0	3rd,4th	269·9	263·6	21st	274·9	*274·4*	- 3·8	71	+47
551	Peshawar	34 2	71 37	355	977·5	1020·5	- 1·3	289·9	299·2	4th	277·6	272·9	28th	283·7	*282·5*	- 1·0	31	+17
551a	Lahore	31 34	74 20	214	992·5	1018·8	- 0·9	291·4	298·0	1st,3rd	279·1	274·7	28,29,31	285·2	*284·2*	- 1·4	58	+49
552	Simla	31 7	77 8	2202	781·3	..	- 1·5	279·9	288·0	1st	273·9	268·0	21st	276·9	*276·4*	- 3·3	90	+62
552a	Leh	34 10	77 42	3503	663·1	..	- 3·4	..	..	..	259·9	248·0	27th	..	..	..	20	+16
559	Hankow	30 35	114 17	37·0	1022·7	1027·4	- 0·7	278·9	298·0	1st	272·9	266·1	19th	275·9	*275·5*	- 3·5	106	+80
560	Tientsin	39 9	117 9	6·4	1028·6	1029·4	+ 1·2	273·2	278·7	1st,2nd	266·3	258·7	17th	269·7	*269·8*	- 1·0	20	+16
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1023·6	1024·4	- 1·5	282·7	296·3	2nd	275·9	265·3	22nd	279·3	279·0	+ 0·4	139	+106
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1015·6	1024·5	- 0·2	279·0	286·9	13th	271·1	261·4	25th	274·5	274·2	+ 2·1	128	+103
562a	Nagasaki	32 44	129 52	133	1005·2	1021·3	- 0·7	286·6	293·5	16th	280·2	273·3	23rd	283·4	283·2	+ 2·5	114	+31
563	Kyoto	35 1	135 44	42·9	1015·8	1021·1	+ 1·6	286·4	294·3	14th	277·4	269·7	26th	281·9	281·4	+ 4·0	113	+58
564	Tokyo	35 41	139 46	5·8	1019·1	1019·8	+ 3·4	285·8	294·2	18th	277·7	270·5	26th	281·7	281·6	+ 3·4	156	+103
565	Hukusima	37 45	140 28	68·5	1012·7	1021·2	+ 4·7	282·3	290·4	17th	274·9	267·8	24th	278·6	278·3	+ 2·3	56	- 3
566	Miyako	39 38 N.	141 59 E.	30·4	1016·1	1019·9	+ 5·3	282·6	296·2	17th	273·2	265·3	24th	277·9	277·3	+ 2·1	80	+17

DECEMBER - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

601	Midway Island	28 13 N.	177 22 W.	5·8	1018·7	1019·3	..	295·7	299·7	27th	287·5	283·0	13th	291·6	*291·1*	- 0·7	68	-23
605	Honolulu	21 19	157 52	11·6	1012·4	1013·9	- 2·3	297·5	300·2	8th	292·9	289·1	17th	295·2	*295·1*	- 0·2	152	+43
613	Guaymas	27 55	110 53	8·3	1014·0	1015·0	..	299·2	305·5	16th	288·5	284·0	8th	293·9	*294·2*	+ 2·3	12	..
615	Leon	21 7	101 41	1809	822·6	1015·2	+ 0·1	296·2	298·6	17th	280·2	276·5	22nd	288·2	*287·1*	+ 0·1	10	-12
616	Monterry	25 40	100 18	528	958·3	1020·2	+ 2·1	292·9	302·6	17th	282·2	272·3	22nd	287·5	*287·5*	- 0·3	10	+12
617	Tulancingo	20 5	98 22	2181	790·7	..	+ 0·3	291·9	297·0	7th	277·3	274·0	23rd,26th	284·9	*283·5*	- 1·5	23	-14
618	Galveston	29 18	94 50	16·5	1020·7	1022·7	+ 2·6	287·9	296·9	7th	281·6	268·0	19th	284·7	*284·9*	- 1·9	83	-47
618a	New Orleans	29 57	90 4	16·2	1021·0	1023·0	+ 2·7	289·3	299·1	13th	280·2	269·7	20th	284·8	*284·5*	- 1·3	72	
619	Mérida, Yucatan	20 58	89 38	22	1015·3	1017·9	+ 0·5	299·4	304·0	8th	292·3	288·4	27th	295·9	*294·9*	- 0·6	46	+15
620	Havana	23 7	82 25	77·0	1008·7	1017·7	- 0·4	298·7	303·3	8th	292·3	287·2	27th	295·5	295·1	..	50	..
620a	Key West	24 33	81 48	6·7	1018·8	1019·3	+ 0·7	296·7	301·9	8th	291·5	285·8	28th	294·1	*293·7*	- 0·1	101	+57
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·8	0·0	298·9	302·4	8th	293·8	290·2	26th	296·3	*296·2*	+ 0·7	41	+ 3
622	Watling Island(San Salvador)	24 6	74 26	33·5	1015·4	1019·3	+ 0·5	..	300·2	2nd	..	295·2	17th	..	*297·7*	0·0	..	..
633	Port Etienne	20 56	17 3	4	1013·1	1013·6	..	298·9	303·0	30th	286·3	284·1	27th	292·9	*291·5*	..	0	..
634m	Izaña	28 19	16 30	2367	773·1	..	+ 4·4	282·8	289·9	8th	276·4	271·5	31st	279·6	*279·5*	+ 2·2	115	+76
634	La Laguna	28 28	16 20	547	959·5	1023·4	+ 2·6	290·3	293·8	4th	283·9	278·4	2nd	287·4	*286·9*	+ 1·1	55	-39
636	Adrar	27 38	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
638	Lapperine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	?291·7	?295·5	1st	?282·6	?280·3	27th	?287·1	..	..	4	..
642	Siwa	29 12	25 29	-23	1019·8	1016·7	- 2·0	293·2	296·0	3rd	278·7	273·0	23rd	286·0	*285·4*	+ 0·2	6	+ 5
643	Cairo (Helwan)	29 52	31 20	116	1003·1	1016·8	- 1·9	291·5	298·0	4th	282·4	278·6	27th	287·0	*286·8*	- 0·8	26	+21
643a	Aswan	24 2	32 53	100	1005·2	1017·1	+ 0·1	296·1	303·8	5th	282·5	278·6	26th	289·3	*288·7*	- 1·1	..	..
644	Tor	28 14	33 37	1·9	1015·5	1015·6	- 1·1	294·5	302·2	5th	283·5	278·5	27th	289·0	*288·4*	- 0·3	7	+ 3
		°N.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. DECEMBER - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0 N.	50 50 E.	4·3	1017·5	1017·9	..	292·3	296·8	7th	285·8	280·2	31st	289·1	*288·7*	- 0·3	170	+95
648	Jask	25 45	57 45	4·0	1016·3	1016·8	..	296·9	301·1	4th	289·7	283·9	20th	293·3	*292·9*	- 0·9	37	+ 9
649	Karachi	24 53	66 57	4·0	1017·2	1017·7	- 0·3	296·7	301·9	3,4,5	287·6	281·9	22nd	292·1	*291·7*	- 1·3	19	+15
650	Jacobabad	28 17	68 29	56·7	1011·8	1018·3	- 0·5	294·8	300·2	3rd,6th	279·9	274·7	5 days	287·3	*286·5*	- 1·5	15	+12
651	Jaipur	26 56	75 52	436	967·4	1018·8	- 0·9	295·1	301·9	11th	282·3	275·8	22,23,26	288·7	*287·7*	- 1·7	9	+ 4
652	Nagpur	21 8	79 5	310	980·8	1016·8	- 1·0	300·6	304·7	4 days	285·8	280·2	30th	293·2	*292·8*	+ 0·1	60	+46
653	Allahabad	25 25	81 51	94·2	1006·3	1017·7	- 0·9	295·8	303·6	11th	282·4	277·4	23,30,31	289·1	*288·0*	- 0·4	27	+21
653a	Darjeeling	27 3	88 15	2265	776·7	..	- 0·9	280·8	285·2	13th	275·3	271·8	29th,30th	278·1	*277·6*	- 1·0	21	+14
654	Calcutta	22 32	88 20	6·4	1015·9	1016·7	- 0·5	297·9	301·9	16th	287·0	281·2	30th	292·5	*291·9*	+ 0·4	7	+ 2
655	Gauhati	26 8	91 41	59·7	1010·6	1017·6	- 0·7	296·6	299·1	8th	284·8	280·1	31st	290·7	*290·1*	+ 0·1	2	- 2
655a	Cherrapunji	25 15	91 42	1313	870·6	..	- 0·5	288·7	291·8	3rd	281·6	276·8	28th	285·2	*284·6*	- 0·4	16	+ 8
655a	Akyab	20 11	92 56	6·1	1014·1	1014·7	- 0·8	301·4	304·6	3rd	289·9	283·3	30th	295·7	*295·0*	+ 0·5	0	-19
656	Mandalay	21 59	96 6	76·2	1007·0	1015·3	- 0·9	303·3	305·1	3rd	289·3	285·3	31st	296·3	*295·6*	+ 1·5	0	-10
656a	Tengyueh	25 2	98 33	1626	837·1	1015·4	..	290·4	293·0	9th	274·9	270·8	29th	282·7	*281·8*	0·0	7	- 9
657	ǂPhu Lien	20 48	106 38	116	..	1016·7	- 2·4	296·9	302·9	19th	289·7	281·4	23rd	293·3	292·4	+ 1·3	14	-15
658	ǂMoncay	21 31	107 51	9·0	..	1016·7	- 2·7	295·4	300·9	16th	288·1	278·5	24th	291·7	*290·9*	+ 1·2	35	- 6
659	Hongkong	22 18	114 10	33·2	..	1017·8	- 1·8	293·4	298·6	15th	289·1	279·9	23rd	291·3	291·2	+ 1·1	11	-15
660	Amoy	24 26	118 4	4·9	1020·3	1020·9	- 1·3	293·8	299·7	14th	288·8	283·0	23rd	291·2	*291·0*	- 1·7	39	+ 7
661	Taihoku, Formosa	25 2	121 31	9·3	1018·6	1019·7	- 1·2	296·1	301·9	14th	288·2	283·3	22nd	292·1	291·3	+ 1·5	79	+ 5
661a	Basco	20 28	121 59	18·7	..	1015·0	- 0·1	299·0	302·0	29th	294·3	291·8	16th	296·9	296·5	+ 0·6	221	-110
662	Naha	26 12	127 39	29·5	1015·9	1019·4	- 0·8	294·7	298·8	16th	289·5	284·9	25th	292·1	292·0	+ 1·5	138	+33
665	Titisima (Bonin Islands)	27 5 N.	142 11 E.	4·1	1016·4	1016·9	- 0·5	296·7	299·0	15th	290·5	287·1	4th	293·6	293·5	+ 1·1	114	-17

DECEMBER - ZONE 7. BETWEEN LATITUDE 20° N. AND 10° N.

715	Colima	19 12	103 45	498	957·6	1013·4	+ 0·3	305·3	308·5	11th	289·9	287·3	22nd	297·9	*296·3*	+ 0·2	0	-44
716	Morelia	19 42	101 7	1923	810·4	1013·4	- 0·6	293·4	295·3	9th	281·1	278·3	26th	287·3	*286·8*	+ 0·1	13	- 7
717	Mexico, Tacubaya	19 24	99 12	2309	777·5	..	+ 2·0	293·4	296·2	7th	277·5	273·5	26th	285·5	284·5	- 0·7	3	- 6
718	Salina Cruz	16 12	95 12	56	1006·0	1012·4	- 1·0	301·5	304·2	9th	293·9	290·5	23rd	297·7	*298·0*	- 0·3	0	- 2
719	San Salvador	13 42	89 13	682	937·6	1013·4	+ 0·5	306·4	308·0	9th,28th	289·3	287·0	6,10,21	297·9	*295·6*	+ 0·2	24	+11
720	Belize	17 31	88 11	5·2	1015·8	1016·2	+ 0·1	..	..	..	..	..	..	..	‡*295·1*	- 1·2	545	+355
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·6	+ 0·3	303·2	305·2	5th	293·3	292·1	sev.dates	298·5	*298·1*	+ 0·1	119	+69
722	Port au Prince	18 33	72 20	37·4	1011·0	1015·3	+ 0·4	303·9	306·9	3rd	293·1	291·2	14th,23rd	298·5	*298·4*	+ 0·5	71	+39
723	ǂCaracas	10 30	66 56	1043	899·1	1013·9	..	298·1	300·3	18th	286·9	283·5	22nd	292·5	*291·5*	0·0	6	-39
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·4	1016·6	+ 0·5	300·2	303·0	5th	294·9	292·4	26th	297·6	*297·4*	0·0	73	-83
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·6	1013·3	+ 0·9	303·2	304·7	5,20,22	295·9	294·7	12,27,31	299·6	*299·0*	+ 0·9	95	-88
725	Barbados	13 8	59 36	57·9	..	1014·0	+ 0·3	301·4	303·1	7th	294·9	292·1	21st	298·1	*297·9*	- 0·2	67	-37
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·3	1014·6	0·0	298·5	299·7	20th	294·0	290·5	28th	296·2	*296·1*	+ 0·4	0	- 7
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·5	1014·4	- 0·2	299·4	300·8	10th	294·2	290·6	29th	296·8	*296·8*	- 0·5	0	- 7
733	ǂDakar	14 40	17 26	32	..	1012·6	..	301·6	305·5	16th	291·9	284·8	13th	296·7	*295·0*	+ 0·9	15	+ 8
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·5	305·8	15th	292·4	289·1	16th	297·4	*297·4*	+ 0·3	6	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	302·3	309·0	10th	283·4	280·0	19th	292·9	*292·6*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	304·1	308·5	3rd	287·2	284·7	17,18,21	295·7	*295·3*	- 1·6	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	302·3	304·7	3rd,5th	..	..	..	..	‡*293·7*	- 2·1	0	0
739	Hadeija	12 40	10 5	?	..	..	..	301·1	305·2	1st	284·0	278·6	18th	292·5	*292·0*	- 2·4	0	0
740	Maiduguri	11 47	13 11	361	..	..	..	302·8	305·8	3rd	287·4	284·7	19th,27th	295·1	*294·7*	- 1·4	0	0
741	ǂEl Fasher	13 32	25 18	730	928·7	1010·4	..	303·0	309·5	5th	280·8	277·5	30th	291·9	*290·6*	- 2·0	0	0
743	El Obeid	13 11	30 14	563	948·6	1012·3	+ 0·8	302·1	308·0	5th	283·2	278·0	27th	292·6	*292·1*	- 1·7	0	0
743a	Khartoum	15 37	32 33	390	968·7	1013·1	+ 1·0	301·2	308·7	6th	286·8	281·4	27th	294·0	*294·6*	- 2·4	0	0
744	Port Sudan	19 37	37 13	5·5	1013·6	1014·3	+ 0·1	300·8	305·6	5th	292·4	287·3	27th	296·6	*296·2*	- 1·3	1	-29
745	ǂBerbera, Somaliland	10 22	45 2	13·8	1011·2	1012·7	- 2·5	302·5	303·6	3rd,5th	295·6	291·9	27th	299·1	*299·1*	+ 0·9	4	+ 2
746	Aden	12 45	45 3	29·9	1010·7	1014·1	- 2·5	301·9	304·0	15th	296·6	294·6	7th	299·3	*298·9*	+ 1·2	39	+37
751	Bombay	18 54	72 49	11·3	1012·8	1014·2	- 1·1	303·0	307·4	9th	292·9	285·8	21st	297·9	297·1	- 0·3	22	+21
752	Kodaikanal	10 14	77 28	2343	771·7	..	0·0	289·1	292·4	21st	281·5	278·7	31st	285·3	*284·9*	- 0·3	176	+64
752a	Bangalore	12 59	77 36	921	912·6	1014·2	- 0·3	300·4	302·6	3rd	294·6	290·6	16th	298·2	*297·8*	+ 0·5	149	+ 2
753	Madras	13 4	80 14	6·7	1012·9	1013·7	- 1·2	301·8	302·7	2nd	293·2	288·3	31st	296·7	*296·3*	+ 0·3	87	+68
754	Vizagepatam	17 42	83 19	38·4	‡1014·1	1015·3	- 0·9	300·1	301·6									
755	Port Blair	11 40	92 40	18·0	1010·4	1012·5	- 0·3	302·7	304·1	2nd	297·6	294·9	29th	300·3	*299·9*	+ 0·2	13	-162
756	Rangoon	16 46	95 48	5·5	1013·5	1014·2	- 0·7	306·2	307·4	4th	294·1	290·8	22nd	300·2	*299·3*	+ 2·1	0	- 9
767	Cap St. Jacques	10 20	107 5	180	..	1011·8	..	299·6	302·2	7th	295·2	293·4	26th	297·4	*297·0*	- 0·4	34	+ 5
758	Nhatrang	12 15	109 12	3·6	..	1012·6	..	300·6	302·3	22nd	294·1	291·4	26th	297·4	*297·0*	- 0·1	102	-109
759	ǂBolinao	16 23	119 53	2	..	1011·0	+ 1·1	303·4	305·5	8th,29th	295·2	292·5	18th	299·3	*298·8*	- 0·4	0	-11
761	Vigan	17 34	120 23	12·2	..	1011·2	+ 0·3	303·2	305·5	27th	295·0	292·0	24th	299·1	298·7	- 0·4	0	- 9
761a	Manila	14 35	120 59	14·2	..	1011·7	+ 0·6	303·2	306·2	30th	293·6	291·6	17th	298·5	297·6	- 0·4	41	-20
762	Ormoc	11 0	124 36	5·6	..	1009·1	+ 0·5	304·0	305·8	22,23,30	293·9	291·5	21st	298·9	*298·7*	0·0	372	+176
765	ǂGuam, Ladrone Is.	13 24	144 38	18·6	..	1008·2	- 0·5	302·3	303·6	26th	297·5	295·5	10th	299·9	*299·8*	0·0	167	+45
766	Saipan	15 14	145 46	207	987·2	1007·4	..	300·4	301·5	12th	296·0	294·3	15th	298·2	298·0	..	95	..
		°N.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

DECEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1008·7	1009·3	- 0·9	305·2	308·0	4th	298·1	295·8	24th	301·7	*301·2*	+ 1·1	172	-43
821	Cristobal				..	1010·0	- 0·9											
822	Bogota	4 36	74 5	2645				302·8	303·6	13th	297·8	294·7	4th	300·3	299·9	+ 0·7	200	-89
822a	Merida, Venezuela	8 36	71 9	1641	745·2	..	- 0·3	293·4	295·5	9th,15th	281·5	277·5	9th	287·5	*286·7*	+ 0·3	9	-58
823	Ciudad Bolivar	8 9	63 33	38	‡841·2	..	..	295·9	297·4	16th	286·0	283·3	23rd	291·0	*290·2*	- 0·3	16	-71
824	El Peru, Guayanavieja	7 19	61 49	220	1007·2	1011·6	..	302·8	304·0	5th	295·0	293·7	30th	298·9	*298·4*	- 0·8	24	-33
					984·7	1009·9	+ 0·2	..	..	..	293·3	292·2	11th	..	‡*294·5*	- 0·8	72	-37
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·5	- 0·1	302·0	303·0	7,10,12	297·0	295·2	7th,22nd	299·5	*299·1*	0·0	119	-168
828	Paramaribo	5 49	55 9	3·7	1011·1	1011·5	- 0·6	303·1	304·9	4th	295·2	292·6	7th	299·1	*299·5*	+ 0·2	159	-61
828a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	354	+82
831	10°-5°N. 30°-25°W.	††7 0	††27 4	§(89-119)	..	1012·0	+ 0·2	..	..	Sea Temp. 299·1	0·3	..	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	299·0	- 0·2	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·0	1011·8	+ 0·9	303·3	304·7	7,25,29	295·7	294·1	11,13,28	299·5	*298·9*	- 0·9	3	-33
835	Assuantsi	5 18	1 15	97·3	998·8	1009·9	..	303·7	305·2	3rd,5th	292·7	289·1	18th	298·2	*297·5*	- 0·4	50	-18
836	Accra	5 33	W. 0 12	17·7	1007·8	1009·8	- 0·4	..	..	..	297·0	294·1	20th	..	*299·9*	- 0·6	70	+48
837	Lagos	6 27	E. 3 24	3·0	1009·3	1009·7	- 0·3	303·8	305·2	4th,5th	295·1	291·9	18th	299·3	*298·6*	- 1·4	153	+132
838	Victoria, Nigeria	4 1	9 12	15·5				303·1	304·7	..	294·2	289·7	..	298·7	*298·1*	..	68	+14
839	∮Yola	9 12	12 30	259	..	..	..	305·7	308·3	6th	290·3	286·6	30th	298·0	*297·5*	- 1·3	0	0
841	Wau	7 42	28 3	440	959·9	1008·8	- 0·6	307·5	309·0	sev.dates	288·0	283·0	28th	297·8	*296·9*	- 1·2	12	+12
843	Malakal (Kodok)	9 35	31 37	394	965·4	1009·5	+ 0·7	306·8	310·0	5,7,8	290·1	286·0	27th,28th	298·4	*297·1*	- 1·5	0	0
843a	Mongalla	5 11	31 47	448	958·7	1009·0	- 0·1	307·3	311·4	5th	291·3	287·5	27th,28th	299·3	*299·0*	- 1·6	17	+ 7
844	Entebbe	0 5	32 29	1171	883·1	1009·2	- 0·4	298·9	301·3	5th	290·3	288·6	13,16,25	294·6	*294·2*	+ 0·1	103	-14
845	Sheikh	9 55	45 15	1463	..	..	..	294·3	296·3	1st,16th	286·4	283·0	28th	290·4	..	..	63	+50
851	Minicoy	8 17	72 49	2·7	1011·9	1012·3	- 0·5	303·3	304·0	7th	297·4	295·8	15th	300·3	*299·9*	..	29	-80
851a	Cochin	9 58	76 21	2·7	1012·1	1012·5	- 0·5	303·4	304·9	5th	296·8	295·0	31st	300·1	*299·7*	0·0	55	+10
852	Colombo Observatory	6 54	79 52	7·3	..	1010·6	+ 0·4	302·6	304·8	28th	294·8	291·2	16th	298·7	*299·3*	- 0·4	127	- 3
853	Nuwara Eliya	6 58	80 46	1881	814·4	1013·8	+ 1·0	292·3	294·9	18th	282·3	276·7	14th	287·3	*286·5*	- 0·1	267	+46
854	Trincomalee	8 35	81 15	30·2	..	1010·7	+ 0·1	300·3	304·4	1st	296·0	293·7	16th	298·1	*297·7*	- 0·4	258	-92
855	Kuta Raja	5 32	95 20	7·1	..	1008·7	- 1·5	..	..	..	..	..	..	..	..	..	54	-160
856	Medan	3 35	98 41	25	..	1010·1	- 0·3	302·9	304·9	13th	295·5	293·4	22nd	299·2	298·6	+ 0·5	53	-176
857	Penang	5 34	100 20	5·0	..	..	..	..	..	..	..	..	..	..	..	..	51	-75
858	Singapore	1 18	103 51	10·9	..	..	..	303·1	304·8	13th	295·8	295·2	1,9,27	299·5	*299·0*	- 0·1	166	-102
858a	Singapore (Mt.Faber)	1 16	103 49	90·5	999·3	1009·7	- 0·3	302·7	304·7	14th,19th	295·6	294·7	1st	299·2	297·9	..	136	..
859	Sandakan	5 50	118 7	31·7	..	..	..	303·7	304·7	sev.dates	296·4	295·2	23rd,24th	300·1	*300·4*	+ 0·3	177	-296
860	∮Iwahig	9 44	118 38	14·3	..	1009·1	+ 1·0	302·8	304·3	6th	294·6	291·7	23rd	298·7	*298·6*	- 0·2	281	+35
861	Tagbilaran	9 38	123 51	21·3	..	1009·1	+ 0·3	303·1	305·0	12th	294·9	293·0	23rd	299·0	298·1	- 0·8	204	+45
861a	Menado	1 30	124 50	8·5	..	1008·2	- 0·2	302·2	304·2	9th	296·0	294·5	30th	299·1	298·6	- 0·4	292	-78
862	Surigao	9 48	125 29	6	..	1009·5	+ 0·5	301·0	303·4	30th	295·3	294·5	21,23,24	298·4	298·2	- 0·5	696	+79
863	Kolonie, Yap	9 29	138 8	29·3	..	1008·7	+ 0·8	302·7	303·8	5th	297·8	295·9	18th	300·3	299·6	- 0·3	158	-66
864	Palau	7 20	134 29	31·8	1005·0	1008·6	..	302·0	303·5	1st	297·1	295·6	25th	299·5	299·4	..	444	..
867	Ponape	6 58 N.	158 13 E.	38·9	1003·4	1007·8	..	302·3	303·9	7th	296·3	294·3	4th	299·3	299·2	..	383	..

DECEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1006·8	..	301·9	303·5	16th	299·7	297·7	21st	300·8	..	..	443	..
920	Lambayeque	6 46	80 55	15	1009·9	1011·8	..	302·9	305·5	29th	288·3	286·5	22nd	295·6	294·4	..	0	..
921	Quito	0 14	78 30	2816	726·9	..	- 0·4	295·0	298·4	18th	280·7	277·4	15th	287·9	286·1	+ 0·3	88	-25
924	Manaos	3 8	60 1	43·8	..	..	..	302·7	305·6	3rd	295·2	292·9	26th	299·0	*298·4*	- 1·1	407	+205
926	Taperinha	2 30	54 20	21·0	1007·9	1010·4	+ 0·4	303·5	305·5	4th	295·7	293·7	23rd	299·6	*298·6*	- 0·4	184	+54
927	Turyassu	1 43	45 26	9·1	1008·4	1009·6	- 0·6	306·1	307·9	23rd	295·7	294·6	26,27,31	300·9	*300·4*	+ 0·4	12	-47
928	Barra do Corda	5 30	45 16	81·0	998·6	1007·9	- 1·0	302·7	306·6	24th	294·8	293·3	20th	298·8	*297·9*	- 1·0	230	+116
929	Quixeramobim	5 16	39 15	207	987·4	1010·6	0·0	304·9	307·0	24th	298·4	297·3	3rd	301·6	*301·4*	- 0·2	34	+ 8
930	Fernando Noronha	3 50	32 25	106	999·0	1010·3	- 1·0	301·5	302·5	28th	297·5	296·0	30th	299·5	*298·7*	+ 0·3	8	- 4
934	∮Ascension Island	7 56	W. 14 25	16·8	1011·7	1013·5	0·0	300·8	302·4	19th	293·6	291·9	8th	297·2	*297·7*	+ 0·2	0	- 4
939	Loanda	8 49	E. 13 13	59·3	..	1010·8	- 0·4	300·6	302·4	28th	296·1	294·9	27th	298·3	297·9	0·0	9	-14
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·2	295·5	..	283·0	281·0	..	288·1	*288·7*	..	173	..
943	Masaka	0 20	31 44	1280	..	..	..	300·3	303·0	5th	289·8	288·6	sev.dates	295·1	..	..	131	+42
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	820·0	1012·4	..	294·1	295·4	1st	286·4	283·7	30th	290·3	289·5	+ 0·2	149	+75
944a	Zanziber	6 10	39 11	17·1	1009·8	1011·7	- 1·3	303·0	304·6	25th	298·8	295·9	27th	300·9	*300·4*	- 0·2	150	+15
945	Lamu	2 16	40 50	3·0	..	..	..	303·0	304·7	18th,19th	298·0	295·8	20th	300·5	*300·1*	+ 0·2	24	+ 3
947	Seychelles, Port Office	4 37	55 27	4·6	1009·9	1010·3	- 1·3	302·2	303·5	16th	296·3	294·5	24th	299·2	*298·6*	- 0·2	278	-66
957	Padang	0 56	100 22	6·7	..	1010·2	- 0·5	302·6	304·6	23rd	296·1	294·3	24th	299·5	298·9	- 0·1	536	+56
958	Batavia	6 11	106 50	8·0	1008·5	1009·4	- 0·1	305·7	307·7	27th	296·5	295·4	6th,22nd	299·6	299·0	+ 0·2	158	-57
958a	Pontianak	0 1	109 20	2·6	..	1008·9	- 0·9	303·8	305·1	14th	297·1	296·3	30th	300·5	299·6	+ 0·6	186	-152
959	Pasuruan	7 38	112 55	5·0	..	1008·7	- 0·1	304·7	307·1	8th	296·6	295·2	22nd	300·7	300·1	+ 0·2	147	-17
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	455	+80
962	Amboina	3 42	128 10	4·2	..	1008·5	+ 0·2	304·8	307·2	7th	297·9	296·8	13th	301·3	300·7	+ 0·8	107	-24
963	Menokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	294	+25
965	Daru	9 4	143 13	7·6	..	..	..	304·7	..	..	..	..	..	..	..	..	160	-33
966	Port Moresby	9 29	147 9	38·4	..	1007·4	- 1·1	304·1	..	..	296·8	..	..	300·7	*300·2*	0·0	116	+16
967	Rabaul	4 9	152 12	12·5	1006·1	1007·6	0·0	305·2	307·1	21st	296·1	..	..	300·1	*299·6*	- 1·0	256	+10
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	304·5	305·8	sev.dates	295·6	294·5	9th	300·4	*299·8*	- 0·3	101	-155
970	Ocean Island	0 52	169 35	39·6	1002·8	1007·8	- 1·2	303·8	306·9	21st	297·3	296·3	27,28,29	300·9	*300·7*	- 0·2	391	+167
											298·6	296·9	16th	301·2	*300·5*	+ 0·2		

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

DECEMBER - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1006·7	- 1·4	302·5	303·7	21st	297·2	294·7	18th	299·8	300·0	+ 0·5	470	+117
1003	∮Alofi, Niue Island	19 2	169 55	19·6	..	1009·2	- 1·1	302·7	304·7	23rd	292·6	289·1	18th	297·6	*297·4*	- 1·6	181	-54
1021	Lima	12 5	77 3	111	996·9	1009·9	..	297·8	301·2	31st	289·5	288·2	2nd	293·7	292·2	..	2	..
1022	Arica	18 28	70 20	5	1011·8	1012·4	..	295·3	296·6	20th	289·1	287·0	1st	292·2	*292·9*	- 0·4	2	+ 2
1024	La Paz, Bolivia	16 30	68 8	3658	657·5	..	+ 0·2	291·6	294·8	8th	278·0	275·0	20th	284·8	*284·3*	+ 0·2	64	-27
1025	Corumba	18 59	57 39	116	993·4	1006·3	- 1·1	305·2	309·4	8th	294·4	290·2	23rd	299·8	*299·2*	- 0·9	223	+55
1026	Cuyaba	15 36	56 6	165	988·7	1007·4	- 1·0	304·4	308·7	25th	295·4	293·8	25th,27th	299·9	*299·6*	- 0·5	164	-41
1027	Bello Horizonte	19 56	43 56	895	911·5	1010·3	- 1·2	300·6	305·6	23rd	291·1	286·6	16th	295·9	*296·1*	+ 1·9	290	- 7
1028	Caetite	14 3	42 37	897	914·2	1012·3	+ 0·2	300·1	303·3	23rd	291·1	289·4	30th	295·6	*295·3*	- 0·4	235	+71
1029	Ondina (Bahia)	13 0	38 31	46·6	1005·5	1010·8	- 1·0	301·4	303·0	28th	295·7	293·2	2nd	298·6	*298·1*	- 0·5	212	+93
1030	Aracaju	10 55	37 3	6·1	1010·6	1011·6	- 1·5	301·8	304·1	19th	295·9	292·9	22nd	298·8	*298·8*	..	86	..
1035	St. Helena	15 57	W. 5 40	579	946·1	1013·3	- 0·7	..	..	..	286·4	285·8	sev.dates	..	*288·5*	- 0·2	38	..
1039	Mossamedes	15 12	E. 12 9	12·5	1011·2	1012·7	..	..	?297·4	25th	..	?287·0	24th	..	*?291·8*	- 2·2	..	..
1041	Livingstone	17 51	25 51	972	903·5	1008·2	..	303·1	308·5	4th	292·2	288·2	24th	297·7	..	..	219	..
1041a	Elisabethville	11 39	27 28	1230	874·6	1005·7	- 2·7	300·0	304·0	3rd	290·0	287·5	6th	295·0	..	+ 0·1	288	+32
1042	Gwelo	19 26	30 2	1411	..	..	..	297·7	303·0	6th	287·9	284·1	28th	292·8	..	- 1·9	173	+22
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	851·6	1010·1	- 0·6	297·5	301·6	30th	288·3	284·9	23rd	292·9	292·1	- 0·9	167	+12
1044	Zomba	15 23	35 18	955	904·0	1006·9	- 1·1	300·4	305·2	4th,5th	291·6	289·7	12,23,30	296·0	*295·3*	+ 0·2	275	- 1
1045	Mossuril	14 57	40 40	15	..	1009·4	..	306·2	311·4	21st	296·8	294·2	24th	301·5	301·3	..	188	..
1046	Antananarivo	18 55	47 33	1375	862·3	1009·3	- 1·5	300·0	305·6	1st	288·4	284·1	14th	294·2	292·5	- 0·3	338	+47
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1011·6	1012·5	+ 1·2	303·3	304·4	15th	297·4	293·1	6th	300·4	*300·0*	+ 0·3	75	-41
1057	Christmas Island	10 25	105 43	5·5	1007·9	1008·6	+ 0·9	304·1	305·2	28th	297·3	295·8	1st,6th	300·7	*300·3*	+ 0·5	1	-205
1061	Kupang	10 10	123 34	45	1003·6	1008·7	+ 0·1	306·0	308·6	13th	297·5	296·0	31st	301·7	301·1	+ 1·0	51	-195
1061a	Derby	17 18	123 40	16·2	1005·4	1007·4	- 0·1	309·8	314·6	3rd	299·1	295·8	3rd	304·4	..	+ 0·5	5	-108
1062	Hall's Creek	18 13	127 46	373	966·0	1006·5	- 0·5	310·6	314·7	21st	296·4	289·7	6th	303·5	*302·9*	- 0·1	9	-81
1063	Darwin	12 28	130 51	29·6	1002·9	1006·3	- 0·4	306·4	309·6	20th	298·6	295·6	28th	302·5	*301·3*	0·0	194	-59
1064	Daly Waters	16 16	133 23	211	982·3	1005·4	- 0·5	311·2	315·8	20,22,24	296·8	293·0	5th	304·0	*303·4*	- 0·1	126	+19
1065	Palmerville	15 56	144 8	210	983·6	1006·6	- 0·3	309·0	312·0	17th	296·6	293·6	7th	302·8	..	+ 1·1	76	-92
1066	Georgetown, Queensland	18 22	143 32	302	974·6	1007·9	- 0·1	308·9	311·9	21st,23rd	295·1	289·7	18th	302·0	..	+ 0·1	92	-53
1066a	Willis Island	16 18	149 59	8·5	1007·1	1008·2	..	304·1	305·2	23rd	298·9	295·9	13th	301·5	*301·5*	..	8	..
1067	Samarai	10 37	150 40	6·1	..	1006·8	- 1·8	..	..	..	296·8	..	..	..	*‡303·0*	+ 1·8	68	-54
1072	Suva, Fiji	18 8	178 26	6·1	1005·2	1005·8	- 2·7	301·6	304·7	23rd	296·4	294·1	19th	299·0	*298·8*	- 0·1	607	+289

BETWEEN LATITUDE 20° S. AND 30° S.

DECEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	∮Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	301·0	303·0	22nd,31st	293·9	290·2	18th	297·4	*297·2*	- 0·5	205	-22
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1009·4	1012·2	- 2·8	293·2	295·0	19th,26th	287·2	285·6	9th	290·2	*289·5*	+ 0·7	0	0
1122	Antofagasta	23 42	70 24	94	1002·6	1013·9	- 2·6	294·7	296·5	4th	286·8	283·3	20th	290·7	*291·2*	- 0·9	0	0
1123	Catamarca	28 27	65 47	528	‡7948·6	1005·0	- 1·0	?309·9	..	..	?295·3	..	..	?302·6	*?298·0*	- 1·1	0	-64
1124	Salta	24 46	65 28	1182	?876·2	1004·2	- 1·3	..	..	..	..	..	..	..	*?295·5*	+ 0·6	65	-76
1125	Goya	29 9	59 15	37	1004·2	1008·4	- 0·6	306·5	315·0	26th	291·3	282·6	2nd	298·9	*298·3*	+ 0·5	125	+ 3
1126	Asuncion	25 17	57 41	93	999·0	1009·6	+ 0·8	306·8	313·0	25th	294·8	287·3	22nd	300·8	*299·6*	0·0	140	-15
1127	Curityba	25 25	49 17	908	910·5	1010·3	- 1·4	298·7	304·0	5th	288·9	284·1	5th	293·8	*292·2*	+ 0·4	67	-75
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1006·8	1008·9	- 2·6	302·8	310·2	21st	296·3	293·1	1st	299·6	*299·5*	+ 1·9	75	-64
1139	Windhoek	22 34	E. 17 6	1727	828·2	1006·0	..	303·8	305·6	22nd	289·3	285·1	2nd	296·6	*296·0*	+ 0·1	2	-44
1140	O'Okiep	29 36	17 52	933	908·7	1011·4	- 0·8	301·0	308·1	27th	285·4	277·7	4th	293·2	*293·0*	- 1·0	4	0
1141	Kimberley	28 44	24 46	1218	877·6	1007·1	- 0·3	304·3	310·7	27th	289·7	282·8	4th	297·0	296·9	0·0	26	-28
1141a	Johannesburg	26 11	28 4	1806	822·2	1011·4	- 0·5	297·2	303·0	25th	286·0	283·1	10th	291·6	*291·2*	0·0	129	- 9
1142	Bulawayo	20 9	28 35	1349	866·5	1011·0	- 0·8	298·8	304·1	31st	288·0	283·6	23rd	293·4	*292·9*	- 1·7	105	-25
1143	Durban	29 52	31 3	15·2	1011·5	1013·3	- 2·2	300·7	308·9	3rd	293·4	289·7	10th	297·1	*296·7*	+ 0·9	56	-74
1144	Lourenço Marques	25 58	32 36	59·5	..	1012·4	- 0·8	301·7	308·0	6th	293·5	290·1	10th	297·6	297·2	- 0·4	34	-67
1147	Mauritius	20 6	57 33	55·2	1004·8	1010·9	- 3·1	302·2	306·2	1st	295·4	293·8	8th	298·8	298·2	- 0·2	560	+440

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1006·1	1006·5	- 0·6	306·8	314·8	17th	292·2	288·8	26th	299·5	..	- 2·0	0	- 4
1160	Cue	27 27	117 52	454	959·3	1008·9	+ 0·9	308·7	317·1	17th	293·0	284·7	25th	300·9	..	- 0·7	0	-12
1161	Nullagine	21 53	120 5	386	..	..	..	312·3	316·3	16th,17th	294·4	287·4	5th	303·3	..	- 1·0	5	-38
1162	Laverton	28 40	122 23	466	959·1	1010·2	+ 0·6	308·0	316·1	18th	291·8	284·4	27th	299·9	*299·7*	- 0·4	0	-21
1163	Alice Springs	23 38	133 37	587	944·2	1008·0	+ 0·8	306·4	315·8	23rd	292·2	284·1	4th,6th	299·3	*299·3*	- 1·6	41	+ 2
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	990·4	1006·5	+ 0·6	310·3	318·3	23rd	293·9	288·7	5th	302·1	*302·1*	- 1·7	8	-26
1165	Thargomindah	27 58	143 43	123	994·2	1007·9	+ 0·3	307·3	317·6	24th	294·1	287·5	5th	300·7	*300·3*	- 0·7	2	-30
1166	Mitchell	26 32	147 52	336	970·7	1008·0	- 0·1	306·5	311·9	9th,24th	290·0	282·7	6th	298·2	..	- 0·7	67	- 8
1167	Rockhampton	23 24	150 30	11·3	1008·0	1009·3	- 1·0	307·2	311·9	22nd	294·7	290·2	4th	300·9	*300·1*	+ 0·9	61	-60
1168	Brisbane	27 28	153 2	41·6	1005·5	1009·8	- 2·3	303·8	309·2	15th	292·7	288·3	6th	298·2	*297·7*	+ 0·6	48	-76
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1013·8	1015·7	+ 1·6	297·9	301·6	23rd	291·1	286·1	3rd	294·5	*294·0*	+ 0·2	23	-64

DECEMBER - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 52 W.	6	1018·4	1019·1	..	291·9	297·0	29th,31st	284·3	282·6	27th	288·1	*288·5*	- 2·2	0	-18
1221a	Punta Tumbes	36 37	73 6	120	999·5	1013·9	- 1·7	290·5	292·4	29th	282·6	280·4	27th	286·5	*286·8*	- 0·8	50	+39
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1008·7	1013·6	- 1·1	294·6	299·0	21st	284·4	282·1	2nd	289·5	*289·4*	- 0·5	15	+11
1222a	Santiago	33 27	70 42	520	952·4	1011·5	- 1·5	300·2	303·3	24th	284·4	280·9	1st	292·3	*291·9*	+ 0·4	16	+11
1223	Cordoba	31 25	64 12	423	959·0	1006·1	- 2·8	306·9	314·4	25th	288·7	282·6	2nd	297·8	297·7	+ 2·3	56	-62
1224	Bahia Blanca	38 45	62 15	25	1003·0	1005·9	- 4·4	304·1	311·4	23rd	289·1	281·9	1st	296·6	296·7	+ 2·0	7	-46
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1005·8	1008·7	- 2·6	302·4	308·7	25th	289·6	282·0	2nd	296·0	295·9	+ 1·3	77	-21
1226	Montevideo (Prado)	34 52	56 12	24·9	1005·1	1008·5	- 3·7	301·3	308·6	16th	288·3	280·6	22nd	294·8	*294·8*	+ 0·8	27	-59
1226a	Porto Alegre	30 2	W. 51 13	23·5	1006·6	1009·3	- 2·3	302·0	310·7	26th	290·8	284·1	3rd	296·4	296·1	0·0	132	+30
1239	Cape Town	33 56	E. 18 29	12·2	1012·3	1013·7	- 0·3	299·2	307·9	9th	287·9	279·7	5th	293·6	*292·3*	+ 0·7	34	+13
1240	Danger Point	34 37	19 18	27·7	..	..	..	294·7	298·0	18th	287·7	283·6	7th	291·2	..	0·0	58	+45
1241	Riversdale	34 6	21 16	61·0	..	..	..	301·2	312·4	22nd	287·2	281·8	13th	294·2	..	+ 0·5	36	+ 5
1242	East London	33 1	27 54	45·4	1007·6	1012·8	- 0·7	298·1	307·4	28th	290·3	284·1	5th	294·2	..	+ 0·9	25	-31
1259	Perth (Observatory)	31 57	115 51	60·0	1006·3	1013·4	0·0	300·8	310·8	4th	288·8	284·1	1st	294·8	*294·5*	+ 0·2	10	- 5
1260	Katanning	33 42	117 35	310	978·1	1013·5	+ 0·3	301·2	312·3	17th	284·6	279·9	27th	292·9	..	- 0·4	5	-11
1261	Coolgardie	30 57	121 10	423	964·2	1011·3	+ 0·3	305·9	315·0	17th	288·0	280·2	1st	297·0	*296·8*	- 0·1	0	-19
1262	Eucla	31 45	128 58	4·6	1013·0	1013·5	+ 0·5	295·6	310·8	24th	286·8	280·8	8th	291·2	*290·6*	- 2·2	4	- 9
1263	Streaky Bay	32 48	134 13	13·1	1011·5	1012·9	- 0·7	298·3	310·9	21st	286·0	281·1	16th	292·1	*291·3*	- 2·2	5	- 6
1264	Adelaide	34 56	138 35	42·7	1007·0	1012·1	- 1·0	296·6	311·8	25th	286·7	281·3	21st	292·6	*292·1*	- 2·1	89	+63
1265	Melbourne	37 49	144 58	35·1	1005·0	1009·3	- 3·4	295·2	309·1	25th	284·9	279·7	1st	290·1	*289·8*	- 1·2	64	+ 6
1266	Bourke	30 13	145 58	110	998·4	1010·8	- 0·6	307·2	315·8	24th	291·6	284·1	5th	299·4	..	- 1·5	21	-14
1267	Sydney	33 51	151 13	42·1	1002·5	1007·2	- 4·6	299·4	309·9	9th	290·8	287·1	5th	295·1	*294·4*	+ 1·0	47	-26
1268	Lord Howe Island	31 20	159 0	4·9	1010·8	1011·5	- 2·7	297·6	299·9	27th	291·0	284·6	24th	294·3	..	+ 0·1	66	-53
1271	Auckland	36 51	174 46	13·4	..	1009·7	- 4·2	294·4	297·1	15th	287·6	284·7	24th	291·0	..	+ 0·3	100	+26
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	294·6	301·8	29th	286·3	280·9	25th	290·4	..	- 0·3	28	-38

DECEMBER - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52 S.	176 42 W.	45·7	..	1002·0	- 4·6	..	..	..	..	..	..	..	..	..	43	-17
1321	⁄Isla Guafo	43 34	74 45	140	995·6	1012·5	- 2·8	285·0	288·0	27th	279·9	279·0	27th	282·5	*283·1*	- 1·0	91	+20
1322	Punta Galera	40 1	73 44	40	1010·7	1015·5	- 1·2	289·9	292·4	23rd	284·0	281·5	1st	286·9	*286·3*	+ 1·0	191	+106
1323	Sarmiento	45 34	69 0	272	971·2	1003·0	- 4·3	294·3	298·0	27th	282·7	278·0	1st	288·5	287·7	- 1·2	4	- 1
1324	⁄Puerto Madryn	42 49	W. 64 58	14	1001·7	1003·4	- 5·0	299·5	304·5	22nd	282·5	277·8	1st	291·0	291·8	+ 0·4	1	- 8
1365	⁄Launceston	41 27	E.147 10	81·1	995·8	1005·3	- 3·8	293·7	299·1	9th	282·3	276·7	7th	288·0	*287·2*	- 1·6	76	+24
1366	Hobart	42 53	147 20	53·9	998·2	1004·7	- 4·7	290·4	296·7	23rd	282·8	278·1	4th	286·6	*285·8*	- 2·1	136	+85
1369	Invercargill	46 25	168 21	3·7	..	..	..	288·6	295·2	12th	281·5	277·4	sev.dates	285·0	..	- 0·8	133	+28
1370	Alexandre	45 15	169 24	159	..	..	..	292·1	300·3	11th	281·6	276·0	28th	286·8	286·4	..	51	..
1371	Dunedin	45 52	170 31	6·1	..	1001·2	- 7·6	288·4	294·7	31st	281·2	277·4	25th	284·8	..	- 1·6	151	+59
1371a	Christchurch	43 32	172 37	7·6	..	1001·3	- 8·0	292·5	300·1	29th	282·9	278·3	20th	287·7	..	- 0·9	86	+30
1372	Wellington	41 16 S.	174 46 E.	128	..	1004·2	- 7·5	290·1	293·6	17th	283·8	279·2	20th	286·9	286·4	- 1·8	68	-14

DECEMBER - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24 S.	75 6 W.	55	989·4	996·1	- 5·6	281·7	283·0	19th	277·0	272·0	30th	279·3	*279·9*	- 0·6	237	-18
1422	Magallanes (Punta Arenas)	53 10	70 54	28	991·8	995·2	- 4·1	284·3	289·0	24th	277·7	273·5	3rd	281·0	*281·2*	- 2·0	76	+43
1423	Punta Dungeness	52 24	68 26	5	996·6	997·2	- 2·8	284·0	287·5	13th	276·4	274·2	19th	280·2	*280·6*	- 2·9	39	+12
1424	⁄Santa Cruz	50 1	68 31	12	995·3	996·7	- 4·9	290·7	298·3	28th	279·9	275·6	17th	285·3	284·8	- 1·8	39	+18
1425	⁄Stanley, Falkland Is.	51 42′	57 51	1·8	..	993·9	- 5·7	284·1	290·8	24th	275·1	271·3	3rd	279·6	..	- 1·8	148	+78
1426	Cape Pembroke	51 41	57 42	21·3	991·2	993·8	- 5·8	281·9	290·2	24th	275·9	272·4	4th	278·9	279·4	- 1·8	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	990·6	991·1	- 3·4	278·7	287·5	30th	273·2	268·8	29th	275·9	*276·2*	- 0·5	108	+34

DECEMBER - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	⁄South Orkneys	60 44 ° ′	44 39 ° ′	7 metres	992·9 mb.	993·8 mb.	+ 0·3 mb.	273·8 °A.	276·7 °A.	9th	270·5 °A.	267·5 °A.	14th	272·2 °A.	272·2 °A.	- 0·1 °A.	34 mm.	+ 8 mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

⁄Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, YEAR 1929

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1929 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

BETWEEN LATITUDE 80° N. AND 70° N. YEAR - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	4·6	..	1017·9	+ 2·1	265·1	291·3	Aug.26	258·1	231·3	Feb.22	261·6	..	+ 1·0	106	-12
125	Upernivik	72 47	56 7	19·2	1005·6	1008·0	- 2·4	271·0	288·1	Aug.24	265·3	247·5	Apr.10,11	268·1	*269·0*	+ 3·6	239	+10
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
136	Jan Mayen	70 59	W. 8 18	23·1	1005·5	1008·4	+ 0·3	..	287·0	Aug.24	271·1	260·2	Apr.23	..	*273·3*	+ 0·4	434	+24
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1009·9	1011·2	+ 1·4	..	284·1	Aug.88	261·3	231·0	Apr.13	..	265·0	- 0·3	389	+89
140	Björnöen	74 28	19 17	29·2	1004·5	1009·7	+ 1·3	..	283·9	July 12	267·4	248·5	Jan.2	..	*269·8*	- 1·1	427	+50
141	Ingöy	71 4	24 6	4·3	1008·1	1008·6	+ 1·0	..	289·3	July 11	273·4	260·3	Mar.4	..	*275·6*	- 0·2	580	-12
142	Sletnes	71 5	28 14	10·2	1008·5	1009·3	+ 1·9	..	290·0	Aug.2	271·9	257·7	Jan.19	..	*274·4*	..	580	..
143	Vardö	70 22	31 8	11·8	1008·6	1010·1	+ 1·2	..	287·6	Aug.2	271·6	249·3	Feb.5	..	*274·0*	+ 0·3	399	-241
147	Malye Karmakouly	72 23	52 43	15·3	1009·6	1011·6	+ 1·5	..	..	..	..	..	..	..	..	..	..	..
148	Waigatz	70 24	58 47	11·2	1010·7	1012·1	+ 2·3	..	..	..	..	..	..	..	*265·5*	- 0·8	230	+38
153	Dickson	73 31	80 23	13·0	1011·4	1013·1	+ 2·3	..	292·0	July 20	259·0	230·1	Jan.12	..	*262·1*	+ 1·0	241	+77
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N. YEAR - ZONE 2.

201	Preobrajenye	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	..	..	..	275·3	295·3	June 24,25	266·4	?231·9	Dec.29	271·1	..	+ 1·8	441	- 9
204	Bethel	60 45	161 47	11·8	..	1007·3	..	277·0	299·1	June 25	258·7	238·0	Dec.30	272·3	..	..	428	..
205	Tanana	65 10	152 6	69·5	1003·3	1012·2	+ 0·7	274·3	300·2	Jun.29,Aug.3	264·3	223·6	Dec.30	269·3	*269·8*	+ 1·9	472	+147
206	Rampart	65 30	150 15	114	..	..	..	273·7	301·9	Aug.3	263·0	222·4	Dec.31	268·4	..	+ 0·7	260	+ 6
207	Valdez	61 7	146 16	122	..	..	..	277·9	295·3	Aug.4	271·5	249·7	Dec.31	274·7	..	..	2118	..
208	Eagle	64 46	141 12	248	981·6	1012·8	+ 0·7	276·1	301·9	Aug.4	264·3	225·2	Jan.26	270·4	*270·6*	+ 1·8	295	+24
209	Dawson	64 4	139 29	324	974·0	1014·3	..	274·3	301·3	July 19	263·6	226·3	Dec.31	268·9	*268·9*	+ 1·1	399	+84
210	Mayo Landing	63 35	135 51	?579	952·9	1024·9	..	275·6	302·4	Aug.3	259·3	224·7	Dec.31	268·1	*270·2*	..	209	..
211	Fort Good Hope	66 15	128 38	65·2	1010·6	1019·1	..	271·3	302·4	Aug.3	259·3	224·7	Dec.31	265·3	..	+ 1·3	297	+72
212	Fort Simpson	61 52	121 35	129	..	..	..	..	303·8	July 24	..	..	..	269·4	..	+ 1·2	247	-97
213	Hay River	60 51	115 57	161	994·5	1015·1	..	273·3	301·9	July 13	260·6	225·8	Mar.7	266·9	*266·4*	- 1·5	328	+41
225	Jacobshavn	69 13	51 2	31·6	..	..	..	..	..	..	..	..	250·0	Dec.21,22	..	..	..	..
228	Godthaab	64 10	51 43	20	..	..	..	277·2	292·6	June 28	270·9	256·2	Dec.25	274·1	*273·6*	+ 2·6	584	-19
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	294·7	June 2	271·3	256·2	Dec.25	..	*275·7*	+ 2·1	1249	+110
229	Angmagsalik	65 36	37 33	29·3	1003·5	1007·2	+ 0·1	276·8	295·6	July 22	271·1	257·9	Dec.32	273·9	*273·9*	+ 2·5	824	-73
231	Stykkisholm	65 5	22 46	25	..	1006·3	+ 0·1	281·0	295·3	July 26	274·9	263·9	Jan.30	277·9	*277·7*	+ 1·9	727	+75
232	Vestmanno	63 24	20 17	132	..	1005·8	+ 0·4	..	..	..	276·8	264·0	Jan.29	..	*278·7*	+ 1·2	1274	-91
233	Grimsey	66 33	18 1	22	..	..	..	..	..	..	..	..	..	..	..	..	..	..
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	1007·0	+ 0·1	282·0	298·5	July 17	275·4	261·8	Jan.29	278·7	*279·3*	+ 2·1	1345	+179
235	Hǿfsvig	64 3	14 45	22·9	1005·9	1008·7	+ 0·2	282·0	298·6	Sept.7	277·5	268·7	Jan.23	279·7	*279·9*	+ 0·5	1426	-25
236	Lerwick	60 8	W. 1 11	18·0	..	1009·3	+ 0·5	282·7	291·9	July 19	279·1	270·2	Feb.14,15,16	280·9	*280·9*	+ 0·7	1168	+204
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1006·9	1012·4	+ 1·7	282·9	298·3	July 18	277·6	262·2	Jan.18	280·2	*280·0*	- 0·1	2391	+660
238	Aalesund	62 28	6 10	6·3	1010·6	1011·4	+ 1·3	..	294·3	May 23	277·7	264·8	Jan.16	..	*280·0*	+ 0·1	1139	-111
239	Trondhjem	63 26	10 25	59·2	1004·4	1011·7	+ 1·4	280·6	298·8	May 26	275·1	259·9	Jan.17	..	*277·6*	+ 0·5	927	+21
240	Bodö	67 17	14 26	17·0	1008·3	1010·4	+ 1·6	..	296·2	May 26	275·1	259·9	Jan.17	..	*277·7*	+ 0·2	929	+139
241	Haparanda	65 50	24 9	9·2	1011·1	1012·3	+ 1·5	278·1	297·5	June 21	271·2	242·3	Feb.24	274·7	*274·8*	+ 1·4	649	+162
242	Helsingfors	60 10	24 57	11·7	1012·8	1014·3	+ 1·6	280·3	297·3	July 21	274·4	244·9	Feb.6	277·5	*277·5*	+ 0·3	705	+86
242a	Kuopio	62 55	27 40	233	985·1	1014·0	+ 2·0	..	?301·0	May 27	..	243·0	Feb.5	..	*274·8*	- 0·6	575	-22
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	..	..	..	..	..	..	..	*272·9*	- 0·4	526	+99
245	Arkhangelsk	64 34	40 31	6·3	1013·2	1014·0	+ 2·1	..	..	..	..	..	..	..	..	..	..	..
246	Mezen	65 50	44 16	14·9	..	..	..	274·3	299·3	June 9	265·3	229·3	Jan.12,Feb.5	270·1	*269·9*	- 0·9	457	+35
247	Oust-Tsylma	65 25	52 18	? 68	1004·7	1013·4	+ 1·3	275·7	304·2	July 4	267·9	230·4	Jan.13	271·8	*271·5*	- 1·2	522	-43
248	Tcherdyn	60 24	56 31	?208	990·6	1016·8	+ 2·1	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	*269·2*	- 0·2	568	+132
252	Sourgout	61 15	73 24	48	1010·3	1016·4	+ 2·0	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	*265·4*	+ 0·2	466	+132
254	Touroukhansk	65 47	87 57	45·0	1010·0	1015·8	+ 1·3	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	*261·3*	- 1·4	168	-67
262	Iakoutsk	62 1	129 43	108	1003·2	1017·3	+ 1·3	..	..	..	..	..	..	..	*257·1*	- 0·3	167	+42
263	Verkhoïansk	67 33	133 24	100	996·3	1009·9	- 3·4	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	..	..	..	..	..	..	..	..	..	237	+50
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	28·0	..	1005·4	- 1·3	277·5	285·6	Jly.4,Aug.30,31	273·9	256·3	Mar.15	275·7	..	+ 1·6	747	-36
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1003·7	1004·0	- 1·9	281·9	299·7	Aug.6	275·8	261·9	Dec.29	278·8	*278·6*	+ 1·4	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	280·1	291·9	Jly.15,23,Aug.28	274·9	261·9	Mar.19	277·5	..	..	1626	..
305	Dillingham	59 0	158 28	24·4	..	..	..	279·7	299·1	July 27	271·0	243·0	Dec.30	275·4	..	+ 0·8	691	+18
306	Kodiak (Radio)	57 47	152 22	4·6	1006·9	1007·4	+ 1·8	282·7	300·8	July 28	275·7	261·3	Mar.12	279·1	*278·9*	+ 1·2	1358	-11
309	Sitka	57 47	135 19	19·8	..	..	..	283·3	303·0	Aug.2	275·6	258·0	Dec.11,13	279·4	..	- 0·2	2500	+345
310	Prince Rupert	54 18	130 18	51·8	1010·1	1016·5	+ 3·1	283·8	301·9	Aug.2	277·5	259·7	Jan.28	280·7	*280·7*	+ 0·5	2092	-489
311	Barkerville	53 2	121 35	1274	..	..	..	279·7	298·0	Jly.30,Aug.28	268·7	236·3	Jan.28	274·2	..	- 0·7	962	+24
312	Kamloops	50 41	120 29	385	972·9	1019·4	0·0	285·4	308·6	Jly.30	275·2	243·0	Jan.30	280·3	*280·5*	- 1·1	251	- 7
313	Calgary	51 2	114 2	1058	892·8	1016·1	+ 1·7	283·7	306·9	Jly.19,Aug.28,29	269·6	230·2	Jan.28	276·7	*276·1*	+ 0·3	368	-36
314	Fort Chipewyan	58 43	111 9	218	986·9	1014·4	..	274·8	305·2	July 14	265·4	227·4	Jan.17	270·1	*270·5*	+ 0·4	..	..
315	Prince Albert	53 10	105 38	437	962·2	1016·0	- 0·1	279·5	306·9	July 26	267·0	227·4	Jan.25	273·3	*273·1*	0·0	376	-22
316	Qu'Appelle	50 30	103 47	651	938·6	1017·5	+ 1·0	279·9	309·1	July 26	268·1	234·1	Jan.25	274·0	*273·8*	- 0·4	306	-184
317	Minnedosa	50 15	99 50	515	953·2	1016·3	+ 0·1	279·5	308·6	Aug.24	267·1	233·0	Jan.25,26	273·3	*272·9*	- 0·9	275	-155
318	Berens River	52 18	97 23	216	..	..	..	276·3	306·9	Jun.13, Sept.1	263·3	231·3	Feb.16	269·8	..	- 2·8	261	-143
318a	Port Nelson	57 0	92 51	14·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
319	Pagwa	50 3	85 18	189	..	..	..	..	..	..	..	231·3	Dec.18	..	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Natashquan	50 8	61 48	6·1	..	..	..	277·2	295·2	Aug.16	267·9	243·0	Dec.26	269·2	..	- 2·6	774	-50
														272·5	..	- 0·6	1038	+135
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62-57°N.20°-15°W.	††59 3	††17 24	§(408)	..	..	..	..	..	Sea Temp. 283·0]+0·3	..	..	..	..	282·1	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1012·3	1013·9	+ 0·2	286·0	296·8	May 28	281·1	269·6	Jan.2	283·5	283·7	+ 0·2	1528	+86
335	Aberdeen	57 10	W. 2 6	26·0	1009·0	1012·2	+ 0·9	283·7	297·4	Sept.3	278·1	266·4	Feb.14	280·9	281·0	+ 0·2	783	+10
336	Greenwich	51 28	0 0	46·3	..	1016·5	+ 1·4	287·9	305·8	Aug.31	278·2	261·9	Feb.15	283·1	282·7	0·0	551	-48
337	Uccle	50 48	E. 4 22	100	1004·8	1017·0	+ 1·3	287·7	308·0	Aug.31	277·8	255·3	Feb.14	282·7	281·8	0·0	689	-116
338	De Bilt	52 6	5 11	3·0	1016·3	1016·7	+ 1·8	286·2	305·7	July 18,21	276·9	254·1	Feb.14	281·5	281·3	- 0·8	625	-105
338a	Hamburg	53 33	9 58	40·3	1012·2	1017·2	+ 2·5	283·8	304·9	Sept.1	277·4	251·9	Feb.11	280·6	*280·6*	- 0·8	536	-196
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1015·2	1015·8	+ 2·1	283·4	298·3	July 1	277·0	257·9	Feb.27	280·2	*280·4*	+ 0·5	582	+11
340	Potsdam	52 23	13 4	84·9	1007·0	1017·4	+ 2·1	285·4	307·7	July 21	276·6	246·2	Feb.11	281·0	280·7	- 0·6	424	-150
340a	Uppsala	59 51	17 38	24	1010·6	1013·5	+ 1·4	282·0	300·7	July 21	274·0	249·3	Feb.27	278·0	278·1	+ 0·2	550	+10
341	Warsaw	52 13	21 3	89·9	1007·1	1018·2	+ 1·7	283·9	305·9	July 22	275·4	239·7	Feb.10	279·7	*279·6*	..	511	+ 7
342	Tartu (Ülikooli)	58 23	26 43	80·8	1005·2	1015·2	+ 1·7	281·0	300·6	May 28	273·7	243·0	Feb.6	277·4	277·4	- 0·1	549	+ 7
343	Leningrad	59 56	30 16	4·3	1013·8	1014·4	+ 1·1	..	..	..	..	..	..	..	*276·9*	- 0·1	531	+42
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	164	997·5	1017·9	+ 1·8	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	1004·6	1020·5	+ 2·9	281·2	308·7	Jly.26,Aug.18	272·2	236·0	Feb.8	276·7	*276·1*	- 0·5	360	-206
346	Kazan	55 47	49 8	79·9	1009·3	1019·3	+ 2·1	280·0	306·3	Aug.21	271·3	238·1	Feb.9	275·7	*275·4*	- 0·9	489	+88
347	Orenburg	51 45	55 6	109	1008·2	1021·9	+ 2·2	281·0	311·2	July 1	270·0	236·3	Feb.22	275·5	*275·6*	- 1·1	212	-145
348	Perm	58 1	56 16	163	998·0	1018·5	+ 2·0	278·3	306·6	July 3	269·2	230·4	Jan.13	273·8	*273·6*	- 0·6	534	-88
349	Sverdlovsk	56 50	60 38	281	983·4	1018·4	+ 2·2	..	..	..	..	..	..	..	*273·4*	- 0·4	324	-86
350	Tobolsk	58 12	68 14	108	1005·0	1018·7	+ 2·2	..	..	..	268·1	227·3	Dec.11	..	*272·4*	- 0·5	458	+23
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	55 1	73 19	108	1006·2	1019·9	+ 1·7	..	311·7	Aug.1	..	229·3	Dec.12	..	..	..	..	..
353	Barnaoul	53 20	83 47	158	1001·3	1022·2	+ 1·7	279·0	307·1	Aug.3	267·5	227·7	Dec.14	273·3	*273·4*	- 0·4	390	+30
354	Tomsk	56 30	84 58	123	1004·7	1020·3	+ 1·7	..	304·1	Aug.2	266·8	225·1	Dec.13	..	*271·2*	- 0·9	594	+60
355	Minousinsk	53 43	91 41	249	991·1	1022·4	+ 1·3	..	..	..	..	..	..	..	*272·5*	- 0·9	330	+26
356	Eniseisk	58 27	92 10	81·2	1009·1	1019·5	+ 1·8	..	..	..	..	..	..	..	*269·5*	- 1·8	420	- 4
357	Irkutsk	52 16	104 19	467	963·0	1021·1	+ 0·2	..	..	..	..	..	..	..	*270·9*	- 0·8	338	-40
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	685	932·5	1016·2	- 1·9	..	..	..	..	..	..	..	*270·2*	+ 0·1	381	+68
360	Nertchinskii Zavod	51 19	119 37	621	940·4	1016·8	- 0·6	..	..	..	..	..	..	..	*269·4*	0·0	601	+206
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	996·4	1014·2	- 0·4	..	..	..	..	..	..	..	*272·5*	- 0·5	785	+296
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1006·4	1011·3	+ 0·2	..	..	..	..	..	..	..	*269·3*	- 1·2	332	-115
366	Okhotsk	59 21	143 17	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
368	∮Petropavlovsk (Phare)	52 53	158 43	87·1	995·0	1005·8	- 1·7	..	..	..	..	..	..	..	*273·7*	+ 0·3	813	-100
369	Kluchevskoye	56 21	160 48	23·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Number of observations.
∮Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·5	1018·1	+ 1·6	286·0	301·9	Jly.13, Aug.10	279·4	263·0	Jan.14	282·7	*282·3*	0·0	440	-330
412	Portland, Oregon	45 32	122 41	46·6	1013·7	1019·1	+ 1·4	289·4	308·0	Aug.10	280·1	263·6	Jan.29	284·8	*284·6*	+ 0·4	665	-440
413	Macleod	49 44	113 24	953	..	..	..	284·3	309·7	Aug.1	270·9	228·0	Jan.28	277·6	*277·7*	- 0·5	437	+83
414	Halena	46 34	112 4	1253	873·5	1017·1	+ 0·2	284·9	310·8	July 24	272·8	237·4	Jan.28	278·8	*278·8*	- 0·6	291	-48
414a	Salt Lake City	40 46	111 54	1329	867·8	1016·0	+ 0·3	288·8	310·2	June 28	278·6	254·7	Jan.24	283·7	*283·9*	- 0·3	368	-48
415	Cheyenne	41 8	104 48	1856	812·2	1015·9	- 0·2	285·3	305·8	June 29	272·9	246·9	Feb.8	279·1	*279·4*	- 0·9	468	+112
416	North Platte	41 8	100 45	860	916·3	1016·2	- 0·6	289·0	312·4	June 29	275·6	246·9	Feb.9	282·3	*282·0*	+ 0·1	536	+66
416a	Bismarck	46 47	100 38	510	954·8	1016·4	- 0·5	283·7	314·1	July 26	271·1	231·3	Feb.19	277·4	*277·6*	- 0·4	364	-69
417	Winnipeg	49 53	97 7	232	987·5	1016·4	..	280·1	310·8	Aug.24	269·2	238·6	Jan.13	274·7	*274·6*	+ 0·3	365	-148
418	Duluth	46 47	92 6	345	974·1	1016·3	+ 0·1	280·9	306·3	July 27	270·6	236·3	Jan.13	275·8	*275·3*	- 0·6	587	-145
419	Port Arthur	48 27	89 12	196	991·6	1015·9	- 0·2	..	..	..	..	..	..	..	..	..	314	+33
420	Chicago	41 47	87 35	205	992·2	1017·1	+ 0·2	286·1	306·9	Jly.27, Aug.22	278·2	250·2	Jan.13	282·2	*281·8*	- 0·9	936	+97
421	Toronto	43 40	79 24	116	1002·1	1016·4	- 0·4	285·2	306·9	Sept.3	276·3	254·1	Jan.14, Feb.20	280·8	*280·4*	+ 0·5	941	+146
422	∮New York (Central Park)	40 47	73 58	47·4	1011·0	1016·8	- 0·3	289·6	310·2	Sept.3	278·4	259·7	Jan.14	285·3	*284·9*	+ 0·6	1026	-55
423	St. John, N.B.	45 17	66 4	36·3	1010·4	1014·9	..	282·4	301·9	June 17	274·2	248·6	Jan.15	278·3	*277·9*	+ 0·2	1112	-108
424	S.W.Point, Anticosti	49 24	63 33	9·1	1010·4	1011·9	..	276·8	294·7	July 13,23	271·2	246·2	Jan.25	274·0	*274·2*	- 0·6	721	-68
424a	Sable Island (Main Station)	43 57	60 6	7·6	1010·8	1015·0	..	282·5	296·3	Aug.13	277·4	260·2	Mar.11	279·9	*280·1*	- 0·1	1277	-25
425	Port aux Basques	47 35	59 10	9·1	1010·7	1011·8	- 1·0	..	296·3	July 23	..	254·7	Mar.12	..	..	..	1513	+133
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	941·4	1018·8	+ 1·2	291·5	307·9	July 14	281·6	268·0	Jan.5	286·6	*285·8*	+ 0·4	372	-46
436	Nantes	47 15	W. 1 34	36·5	1012·5	1016·9	+ 0·1	288·9	307·0	Sept.3	279·2	259·0	Feb.14	284·4	284·3	+ 0·2	722	-64
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1011·6	1018·0	+ 1·3	288·4	307·6	Aug.31	278·9	258·2	Feb.13	283·7	283·5	+ 0·3	495	-67
438	Marseille	43 18	5 23	75	..	1015·8	+ 0·6	292·8	306·8	July 3	281·8	258·7	Feb.13	287·3	286·7	- 0·4	375	-200
438a	Zürich	47 23	8 33	493	960·2	1018·9	+ 1·2	287·2	309·0	July 23	277·4	248·8	Feb.12	282·3	281·5	- 0·1	920	-189
439	Rome	41 54	12 29	45·5	1010·1	1015·5	+ 0·4	293·7	309·6	July 22	284·1	267·6	Feb.3	288·9	288·7	+ 0·4	788	-43
440a	Budapest	47 31	19 1	130	1002·2	1018·1	+ 2·0	285·2	305·8	July 24	278·8	247·2	Feb.11	281·5	281·5	- 1·1	537	-111
441	Sofia	42 42	23 20	550	952·9	1017·9	+ 0·4	288·0	309·8	July 24	278·9	249·6	Feb.11	283·5	282·9	- 0·6	694	+56
442	Bucharest	44 25	26 6	82	1008·2	1018·2	+ 1·4	287·7	308·5	July 7	277·9	253·5	Feb.2	282·8	*282·6*	- 0·4	..	..
443	Odessa (Observatory)	46 26	30 46	42·8	1013·3	1018·6	+ 1·5	289·4	309·4	Aug.1,22	276·0	248·8	Feb.10	282·7	*281·6*	- 1·3	475	-114
444	Kharkiv (University)	50 0	36 14	140	285·3	308·2	Aug.4,22	278·8	245·0	Feb.10	282·1	*281·6*	- 1·3	345	-49			
444a	Novorossiisk	44 44	37 49	37·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	41 43	44 48	404	1012·3	1016·8	+ 0·7	..	..	..	..	..	..	..	*284·6*	- 1·1	585	-118
446	Astrakhan	46 21	48 2	-20	970·4	1018·3	+ 0·8	290·6	309·2	Sept.5	280·5	260·4	Dec.29	285·5	285·3	- 0·1	445	-56
447	Fort Alexandrovsk	44 31	50 7	-23·0	1022·7	1020·2	+ 1·7	285·5	308·5	July 29	276·7	241·2	Feb.18	281·1	*280·7*	- 1·5	130	-26
448	Krasnovodsk	40 0	52 59	-4·6	1023·4	1020·6	+ 3·2	..	..	..	..	..	..	..	*283·0*	- 1·0	140	- 4
					1017·9	1017·3	+ 0·8	..	..	..	..	..	..	..	*287·4*	- 1·3	62	-77
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*279·0*	- 1·3	..	..
450	Tashkent	41 20	69 18	479	961·1	1017·4	+ 0·4	291·9	313·7	July 19	278·2	250·7	Jan.25	285·4	285·3	- 0·9	402	+55
451	Narynskoe	41 26	76 13	2015	..	..	..	..	313·1	July 19	280·6	250·2	Dec.30	..	*285·7*	..	260	..
451a	Andijan	40 47	72 23	503	959·0	1018·0	..	..	..	..	..	..	..	..	..	..	..	..
452	Alma Ata	43 16	76 53	841	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Moukden	41 48	123 23	43·8	1010·2	1016·3	- 0·2	286·2	308·4	June 22	275·2	246·2	Feb.1	281·1	280·7	+ 0·6	883	+215
462	Joshin	40 40	129 12	31·9	1011·9	1015·8	+ 0·7	285·6	306·2	July 30	277·2	254·0	Feb.10	281·3	281·0	+ 0·1	520	-190
463	Yuki	42 20	130 24	63·8	1008·2	1016·1	+ 0·9	282·9	306·3	Aug.10	275·4	253·2	Jan.2	279·1	279·0	- 0·2	731	- 7
464	Vladivostok	43 7	131 54	128	999·6	1015·5	- 0·3	..	..	..	..	..	..	..	*276·8*	- 0·2	788	+218
465	Ochisi	47 20	142 47	27·4	1008·6	1012·0	+ 0·3	280·1	303·8	Aug.1	269·9	242·3	Jan.28	275·0	275·0	+ 0·2	818	-31
466	Nemuro	43 20	145 35	26·7	1008·9	1012·2	- 0·4	282·4	305·1	July 31	274·9	255·3	Feb.21	278·7	278·4	- 0·1	864	-95
466a	Syana	45 14	147 53	39·3	1006·6	1011·5	- 0·3	280·5	299·6	July 28	273·3	253·9	Feb.17	276·9	276·9	- 0·4	912	-119
		N.	E.															

YEAR - ZONE 5 (AMERICA).

BETWEEN LATITUDE 40° N. AND 30° N.

511	San Francisco	N. 37 48	W. 122 26	47·2	1011·0	1016·7	- 0·2	290·8	308·0	June 21	283·3	274·7	Feb.7	287·1	*286·4*	+ 1·3	254	-313
512	Sacramento	38 35	121 30	21·0	1013·0	1015·5	- 0·2	295·7	314·1	Jun.24,Aug.13	281·9	270·6	Feb.8	288·8	*289·0*	+ 0·3	224	-248
513	San Diego	32 43	117 10	26·5	1011·8	1014·9	- 0·3	293·5	308·0	Sept.17	286·1	276·3	Feb.9	289·8	*289·4*	+ 0·9	105	-136
514	Modena	37 48	113 54	1668	833·5	1014·5	- 0·3	290·3	308·6	Jun.25,Jly.2	273·0	241·9	Feb.9	281·7	*281·3*	- 0·2	186	-102
515	Santa Fé	35 41	105 57	2138	787·3	1014·3	- 0·2	288·0	306·8	June 27	275·5	253·6	Feb.9	281·8	*281·5*	- 0·4	549	+177
516	Denver	39 45	105 0	1613	837·0	1015·7	+ 0·1	289·6	308·0	Jun.29,Jly.28	276·0	250·2	Feb.8	282·3	*282·5*	- 0·6	392	+30
517	Abilene	32 23	99 40	530	954·5	1015·5	- 0·3	290·9	313·0	July 18	284·7	260·8	Feb.9	290·9	*290·3*	+ 0·3	485	-127
518	Saint Louis	38 38	90 12	173	996·5	1017·2	- 0·1	290·6	310·2	Aug.2	281·2	256·9	Jan.13,Nov.30	285·9	*285·7*	- 0·4	1176	+168
519	Mobile	30 41	88 2	17·4	1015·3	1017·4	- 0·3	297·2	309·1	June 21	288·4	266·9	Dec.20	292·8	*292·4*	+ 0·6	2269	+882
520	Nashville	36 10	86 47	166	998·7	1018·6	+ 0·2	293·1	308·0	Jly.7,Aug.2	283·1	258·6	Dec.3	288·1	*288·1*	- 0·1	1288	+83
521	Charleston	32 47	79 56	14·6	1016·7	1018·3	+ 0·2	295·9	310·2	July 2	288·3	270·2	Dec.20	292·1	*292·4*	+ 0·5	1141	-88
522	Washington	38 54	77 3	34·1	1013·4	1017·4	- 0·3	291·9	309·1	Jly.28,Sept.2	281·3	259·7	Jan.14	286·6	*286·3*	+ 0·9	1001	-73
524	Bermuda	32 17	64 46	38·1	1015·9	1021·3	..	..	305·2	Jly.12,Sept.22	..	279·7	Feb.3	..	..	..	1514	+53
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

YEAR - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1015·0	1019·7	- 1·8	293·3	302·1	Aug.25	287·9	279·1	Jan.19	290·6	290·5	+ 0·1	1557	-29
531	Horta	38 32	28 38	65	1012·5	1020·3	- 1·3	293·4	302·2	Aug.14	288·1	279·9	Mar.16	290·7	290·4	- 0·2	868	-222
532	Ponta Delgada	37 44	25 40	22	1017·7	1020·3	- 1·0	292·6	299·2	Aug.2	288·7	281·8	Feb.23	290·7	290·6	+ 0·3	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	1112	-19
533	Madeira (Funchal)	32 38	16 55	25	1017·6	1020·6	+ 0·8	294·2	303·0	Oct.3	289·8	284·0	Feb.23	292·0	*292·1*	+ 0·9	200	-489
535	Lisbon	38 43	9 9	95	1006·9	1018·2	+ 0·7	293·3	309·9	July 12,13	286·2	273·7	Jan.5	289·8	289·4	+ 0·7	474	-270
535a	Melilla	35 17	2 59	40	1014·2	1018·2	..	294·5	306·0	June 9	288·6	278·5	Jan.5	291·6	*291·6*	- 0·4	349	-227
536	Gibraltar	36 6	5 21	27·4	..	1018·0	0·0	295·0	305·8	Jly.6,24,Aug.13	287·6	276·3	Jan.5	291·3	*290·7*	+ 0·4	497	-399
536a	Colomb-Béchar	31 37	W. 2 13	769	927·8	1013·6	..	..	..	..	281·0	264·8	Dec.22	..	*291·2*	..	63	-16
537	Palma	39 34	E. 2 39	23	1014·3	1017·0	- 0·3	295·3	308·8	July 22	283·3	273·0	Jan.,Feb.15	289·3	*289·0*	- 1·1	505	+25
538	Algiers (Bouzaréah)	36 48	3 2	342	..	..	..	..	..	..	..	..	..	..	..	..	..	..
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	..	..
539	Tunis	36 48	10 10	75	1008·5	1017·4	..	294·7	315·0	July 6	285·4	273·4	Feb.4	290·1	*289·9*	- 0·6	396	-22
540	Malta	35 54	14 31	71·2	..	1015·5	+ 0·6	293·5	308·0	July,6,29	288·1	276·9	Feb.3,4,15	290·6	*290·1*	- 1·1	444	-60
541	Athens	37 58	23 43	107	1002·2	1014·8	- 0·1	294·3	311·2	Aug.19	286·8	268·0	Feb.4	290·6	290·2	- 0·1	371	-26
542	Alexandria	31 12	29 53	32·0	1010·4	1014·1	- 0·5	298·2	314·3	Sept.27	290·2	279·6	Dec.27	294·2	*293·5*	+ 0·2	248	+47
543	Ankara (Angora)	39 58	32 48	861	..	..	..	..	..	..	..	..	..	..	..	..	..	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1012·2	- 0·3	298·1	313·6	Aug.17	285·2	272·4	Jan.11,Feb.7	291·7	..	- 0·2	495	+108
544	Beirut	33 54	35 28	33·7	..	1012·8	- 0·9	296·9	308·6	May 7	290·2	274·6	Feb.6	293·6	*293·5*	+ 0·2	1058	+150
545	Hinaidi	33 17	44 29	32·3	1006·8	1010·3	- 1·0	303·7	320·8	Jly.13, Aug.18	288·2	270·8	Jan.29	295·9	*296·1*	+ 0·3	92	-45
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	♯Tehran	35 41	51 25	1220	868·3	1000·7	..	295·4	310·5	July 22	283·2	264·2	Jan.13	289·3	*289·1*	- 0·2	156	-86
548	Meshed	36 17	59 38	946	..	..	..	293·4	310·9	July 19	277·9	251·9	Jan.30	285·7	..	- 0·6	..	..
549	Seistan	31 0	61 30	7610	955·0	..	..	301·1	315·3	June 2	286·7	264·5	Jan.31	293·9	..	+ 0·4	28	-28
550	Quetta	30 12	67 0	1647	834·6	..	- 0·5	296·8	311·2	June 19	280·9	253·6	Dec.21	288·8	*289·7*	+ 1·0	200	-48
551	Peshawar	34 2	71 37	355	969·4	1009·9	- 0·6	303·0	319·8	June 8	289·1	272·6	Feb.1	296·1	*295·5*	+ 0·7	436	+93
551a	Lahore	31 34	74 20	214	984·0	1008·3	- 0·3	304·6	321·1	June 8	290·5	271·3	Jan.31	297·6	*297·1*	+ 0·3	641	+143
552	Simla	31 7	77 8	2202	780·3	..	+ 0·3	289·7	302·7	May 30	282·9	266·6	Jan.31	286·3	*286·1*	0·0	1404	-213
552a	Leh	34 10	77 42	3503	666·3	..	+ 0·1	..	301·2	July 16	271·8	248·0	Dec.27	..	..	..	132	+51
559	Hankow	30 35	114 17	37·0	1012·7	1017·1	+ 0·1	294·9	311·0	Aug.25	286·1	266·1	Dec.19	290·5	*290·0*	+ 0·2	1140	-91
560	Tientsin	39 9	117 9	6·4	1016·3	1017·3	+ 0·1	291·4	312·6	July 13	280·3	258·3	Feb.2	285·8	*285·5*	+ 0·4	723	+188
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1015·3	1016·6	+ 0·2	294·3	309·7	Aug.25	284·4	265·3	Dec.22	289·3	288·4	+ 0·3	791	-357
562	Jinsen (Chemulpho)	37 29	126 37	70·4	1008·5	1017·0	+ 0·7	288·7	307·8	Aug.12	280·1	258·3	Jan.2,Feb.2	284·4	284·0	+ 0·3	934	-77
562a	Nagasaki	32 44	129 52	133	1000·1	1015·9	+ 0·5	292·7	307·9	Aug.11	285·3	268·7	Feb.11	289·0	288·5	- 0·2	1804	-152
563	Kyoto	35 1	135 44	42·9	1010·3	1015·5	+ 0·8	293·0	310·4	July 24	283·4	264·2	Feb.11	287·7	287·2	+ 0·5	1352	-228
564	Tokyo	35 41	139 46	5·8	1013·5	1014·2	+ 0·1	291·7	309·2	Aug.8	283·0	266·0	Feb.14	287·3	287·3	+ 0·5	1910	+386
565	Hukusima	37 45	140 28	68·5	1006·3	1014·6	+ 0·5	290·7	310·5	Aug.8	280·7	263·8	Feb.12	285·7	285·2	+ 0·4	1186	-40
566	Miyako	39 38	141 59	30·4	1009·4	1013·1	- 0·5	289·1	310·2	Aug.2	278·7	259·5	Jan.30	283·9	283·3	+ 0·3	1110	-301
		N.	E.															

YEAR - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·3	..	..	..	298·9	304·7	Sept.12,Oct.1	290·6	281·3	Jan.21	294·7	*294·2*	- 0·2	761	-377
605	Honolulu	21 19	157 52	11·6	1014·5	1015·9	- 0·3	299·7	304·1	Aug.28, Sept.9	294·8	288·0	Jan.24	297·1	*296·9*	+ 0·4	684	-93
613	Guaymas	27 55	110 53	8·3	1011·2	1012·1	..	301·9	313·0	June 11	292·4	280·5	Jan.26	297·1	*296·7*	- 1·1	305	..
615	Leon	21 7	101 41	1809	821·0	1010·0	- 0·3	299·3	307·6	June 13	283·5	273·4	Jan.28	291·7	*291·3*	- 0·3	500	-142
616	Monterry	25 40	100 18	528	953·5	1012·9	- 0·6	300·4	312·8	May 1	289·5	271·9	Feb.10	294·9	*294·6*	+ 0·1	525	- 8
617	Tulancingo	20 5	98 22	2181	789·5	..	- 0·3	296·3	306·0	Apr.30,May 1	281·1	272·0	Feb.11, Mar.6	288·7	*287·5*	- 0·4	619	+58
618	Galveston	29 18	94 50	16·5	1014·9	1016·3	- 0·1	296·4	308·0	July 19	290·9	268·0	Dec.19	293·7	*293·5*	- 0·1	1466	+294
618a	New Orleans	29 57	90 4	16·2	1015·3	1017·2	+ 0·1	297·9	308·6	June 21	289·8	269·7	Dec.20	293·9	*293·6*	- 0·3	2160	-729
619	Mérida, Yucatan	20 58	89 38	22	1011·2	1013·7	- 1·4	304·0	314·0	Apr.21	295·0	288·4	Dec.27	299·5	*298·7*	+ 0·7	1133	+237
620	Havana	23 7	82 25	77·0	1006·1	1015·0	- 1·2	302·2	307·5	Sept.3	294·4	286·1	Mar.7	298·3	297·7	..	1108	..
620a	Key West	24 33	81 48	6·7	1015·4	1016·1	- 0·4	301·1	306·3	Aug.14	295·6	285·3	Dec.26	298·3	*298·0*	+ 0·4	1134	+166
621	Nassau, Bahamas	25 5	77 20	9·6	..	1016·8	- 0·2	301·9	306·3	Aug.11,15	294·9	285·3	Feb.1	298·4	*298·4*	+ 0·3	1690	+394
622	Watling Island(San Salvador)	24 6	74 26	33·5	..	..	..	..	305·2	Sept.19	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	300·4	315·0	Sept.28	289·1	284·1	Dec.27	294·7	*293·0*	..	..	..
634	Izaña	28 19	16 30	2367	771·6	..	+ 2·5	286·1	298·0	July 11	278·7	268·2	Mar.31	282·4	*282·1*	+ 0·5	364	-146
636	Adrar	27 38	16 20	547	955·6	1018·7	+ 0·7	293·6	308·3	July 12	285·4	278·1	Jan.19	289·5	*288·9*	+ 0·1	387	-171
638	Lapperine	22 36	W. 0 4	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642	Siwa	29 12	24 31	49	..	..	..	303·0	318·4	June 24	289·0	277·7	Jan.19	296·0	..	..	17	..
			25 29	-23	1016·5	1013·3	- 1·5	302·3	317·2	May 12	285·6	272·5	Jan.26	294·2	*293·4*	0·0	20	+13
643	Cairo (Helwan)	29 52	31 20	116	1000·0	1013·4	- 0·6	301·0	316·3	May 5	288·2	275·9	Jan.24	294·6	*294·5*	+ 0·1	52	+19
643a	Aswan	24 2	32 53	100	1000·0	1011·3	- 0·3	307·7	321·0	May 23	291·6	277·9	Jan.25	299·6	*299·0*	+ 0·6	..	..
644	Tor	28 14	33 37	1·9	1010·9	1011·1	- 0·3	300·8	314·6	June 24	290·1	275·0	Jan.24	295·5	*295·2*	+ 0·2	9	- 5
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

YEAR - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1009·1	1009·6	..	300·7	311·8	July 15	293·7	280·1	Jan.30	297·2	*296·6*	+ 0·2	416	+151
648	Jask	25 45	57 45	4·0	1007·7	1008·2	..	303·7	312·8	July 1	296·2	282·4	Jan.30	299·9	*299·3*	+ 0·2	152	+38
649	Karachi	24 53	66 57	4·0	1009·1	1009·3	- 0·3	301·3	313·0	May 5	295·2	279·5	Feb.1	298·5	*297·9*	+ 0·1	105	-87
650	Jacobabad	28 17	68 29	56·7	1001·3	1008·4	- 0·1	307·9	321·7	June 3	292·3	269·7	Jan.31	300·1	*299·5*	+ 0·1	166	+72
651	Jaipur	26 56	75 52	436	961·1	1010·0	+ 0·4	305·5	317·3	May 22	291·7	271·7	Feb.2	298·6	*298·0*	- 0·1	633	+20
652	Nagpur	21 8	79 5	310	974·8	1009·7	+ 0·1	306·4	318·7	May 31	292·9	279·0	Feb.2	299·7	*299·2*	- 0·2	1121	-122
653	Allahabad	25 25	81 51	94·2	997·7	1008·5	- 0·4	305·3	319·2	May 6	292·3	276·7	Feb.2	299·2	*298·5*	+ 0·4	1222	+228
653a	Darjeeling	27 3	88 15	2265	775·6	..	- 0·1	288·2	296·2	July 29	282·2	271·8	Jan.,Dec.,Nov.	285·2	*285·0*	+ 0·5	3352	+234
654	Calcutta	22 32	88 20	6·4	1008·1	1008·3	- 0·2	304·1	312·7	Apr.11	295·1	281·2	Dec.30	299·6	*299·3*	+ 0·7	1515	-75
655	Gauhati	26 8	91 41	59·7	1003·9	1010·3	0·0	301·3	309·6	May 13	292·2	280·1	Jan.24,Dec.31	297·0	*296·2*	- 0·1	1797	+136
655m	Cherrapunji	25 15	91 42	1313	867·7	..	- 0·3	293·3	300·8	June 16	287·3	276·8	Dec.28	290·3	*289·7*	+ 0·1	11075	+302
656a	Akyab	20 11	92 56	6·1	1009·1	1009·8	- 0·2	302·9	308·4	Apr.20	294·8	283·3	Dec.30	298·7	*298·5*	- 0·3	5410	+244
656	Mandalay	21 59	96 0	76·2	1001·7	1010·3	0·0	306·3	314·5	Apr.19	294·9	283·9	Jan.14	300·6	*300·0*	- 0·2	1078	+238
656a	Tengyueh	25 2	98 33	1626	835·7	1008·4	..	294·5	301·3	4 months	283·0	270·3	Jan.8,Dec.29	288·7	*289·0*	+ 0·3	1130	-451
657	♯Phu Lien	20 48	106 38	116	..	1011·5	+ 0·3	299·9	310·8	June 30	293·5	281·2	Feb.4	296·7	296·1	+ 0·1	1836	+82
658	♯Moncay	21 31	107b51	9·0	..	1011·6	0·0	300·2	309·7	July 10	292·8	278·5	Dec.24	296·5	*295·8*	+ 0·4	3116	+261
659	Hongkong	22 18	114 10	33·2	..	1012·8	+ 0·1	298·1	306·4	July 8	293·6	279·9	Dec.23	295·9	295·5	+ 0·4	1774	-404
660	Amoy	24 26	118 4	4·9	1014·1	1014·7	+ 0·3	298·3	308·0	July 16,17	293·0	280·8	Feb.4	295·7	*295·5*	+ 0·3	856	-326
661	Taihoku, Formosa	25 2	121 31	9·3	1012·9	1014·0	+ 0·3	299·5	309·7	July 7	291·3	279·4	Nov.27	295·4	294·3	+ 0·1	1549	-584
661a	Basco	20 29	121 59	18·7	..	1010·7	+ 0·2	300·9	308·0	July 3	296·2	288·3	Jan.4	298·5	298·2	- 0·4	3356	+322
662	Naha	26 12	127 39	29·5	1010·3	1013·7	+ 0·2	297·1	304·3	July 29	292·2	282·9	Jan.3	294·7	294·5	- 0·5	2219	+75
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1014·1	1014·6	+ 0·3	298·9	305·8	Aug.20	293·0	281·0	Feb.9	295·9	295·8	+ 0·3	1602	-35
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

YEAR - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	957·0	1012·7	+ 0·9	305·4	310·7	July 8	290·8	282·0	Mar.16	298·1	*296·8*	- 0·8	620	-230
716	Morelia	19 42	101 7	1923	809·4	1009·6	- 0·9	296·1	302·8	June 8	284·2	275·3	Jan.28	290·1	*290·0*	+ 0·2	705	-71
717	Mexico, Tacubaya	19 24	99 12	2309	774·7	..	- 0·4	296·7	304·8	Mar.24	280·7	272·5	Jan.29	288·7	287·8	- 0·1	734	+98
718	Salina Cruz	16 12	95 12	56	1004·2	1010·6	- 1·7	302·6	308·8	May 9	295·5	290·5	Dec.23	299·1	*299·5*	- 0·2	1005	+32
719	San Salvador	13 42	89 13	682	936·3	1011·8	- 0·5	306·0	310·8	May 13	290·5	285·0	Mar.7	298·3	*296·1*	- 0·1	2042	+238
720	Belize	17 31	88 11	5·2	1012·5	1013·1	- 0·8	..	..	..	295·3	286·9	Jan.30	..	‡*297·8*	- 0·2	2878	+1004
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·0	+ 0·3	303·7	307·4	July 6	294·7	290·1	Jan.26	299·2	*298·9*	+ 0·2	1894	+320
722	Port au Prince	18 33	72 20	37·4	1010·3	1014·6	+ 0·1	305·1	309·1	July 25	294·2	290·4	Jan.28	299·7	*299·4*	+ 0·2	1345	-26
723	♯Caracas	10 30	66 56	1043	899·7	1014·0	..	299·1	304·5	Oct.5	288·2	281·9	Feb.5	293·6	*292·5*	- 0·1	573	-234
724	San Juan, Porto Rico	18 29	66 7	25·0	1012·3	1015·8	+ 0·1	301·1	305·8	Oct.15	295·5	291·3	Jan.,Feb.,Apr.	298·3	*298·0*	- 0·2	1150	-489
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·3	1013·0	+ 0·2	303·1	305·2	May,Aug.,Oct.	295·9	293·5	Jan.,Feb.,Mar.	299·5	*299·0*	+ 0·4	2085	+190
725	Barbados	13 8	59 36	57·9	..	1014·0	+ 0·2	302·6	304·9	June 10	295·5	291·8	Jan.28	299·1	*298·9*	+ 0·1	1111	-254
731	São Vicente, C.Verde Is.	16 54	25 4	11	1012·6	1013·8	- 0·4	299·1	304·5	Sept.12	295·1	290·5	Dec.28	297·1	*297·1*	+ 0·6	124	-24
732	San Tiago, C. Verde Is.	14 54	23 31	34	‡1008·7	‡1012·6	..	300·6	303·3	June 14,18	295·3	290·8	Dec.29	298·0	..	+ 0·5	68	-193
733	♯Dakar	14 40	17 26	32	..	1011·9	..	303·1	311·9	Jan.31	294·3	284·8	Dec.13	298·7	*297·0*	+ 0·7	629	+87
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·4	310·2	Mar.25	293·7	287·4	Nov.23,28	297·5	*297·6*	- 0·8	1324	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu (Kabara)	16 45	W. 3 1	273	..	..	..	311·1	321·0	Apr.,May,July	291·9	280·0	Dec.19	301·5	*301·0*	..	159	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	308·4	316·9	Apr.4,26,29	293·9	283·0	Jan.11	301·2	*300·7*	0·0	760	+79
738	Kaduna Capital	10 32	7 25	7637	..	..	..	304·2	310·2	Mar.6,Apr.26,30	..	..	..	..	‡*297·1*	- 0·2	1471	+103
739	Hadeija	12 40	10 5	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
740	Maiduguri	11 47	13 11	361	..	..	..	308·5	319·7	May 11	293·1	283·0	Jan.11	300·8	*300·3*	- 0·4	713	+116
741	♯El Fasher	13 32	25 18	730	926·5	1007·2	..	308·8	316·0	Apr.1	..	..	..	..	..	..	555	+221
743	El Obeid	13 11	30 14	563	946·3	1008·8	+ 0·5	307·8	315·5	Apr.8	291·4	278·0	Dec.27	299·5	*298·7*	+ 0·1	423	+74
743a	Khartoum	15 37	32 33	390	965·4	1008·5	0·0	309·5	318·0	Apr.9,May 20	295·0	281·4	Dec.27	302·2	*302·3*	+ 0·1	254	+101
744	Port Sudan	19 37	37 13	5·5	1010·0	1010·6	+ 0·6	306·9	318·0	June 26	297·1	287·0	Feb.8	302·0	*301·5*	+ 0·5	32	-80
745	♯Berbera, Somaliland	10 22	45 2	13·8	1007·6	1009·1	- 1·0	306·9	315·8	Jan., Aug.,sev.	298·9	290·2	Jan.1,2,19	302·9	*302·9*	0·0	10	-51
746	Aden	12 45	45 3	29·9	1007·1	1010·5	- 0·6	305·2	312·8	Aug.24	298·7	292·9	Jan.19	301·9	*301·4*	+ 0·8	96	+46
751	Bombay	18 54	72 49	11·3	1008·4	1010·3	- 0·4	304·1	308·8	Feb.26	296·7	284·8	Feb.1	300·4	299·9	+ 0·4	1518	-276
752	Kodaikanal	10 14	77 28	2343	771·2	..	+ 0·2	291·1	296·4	Apr.3	283·5	278·2	Jan.6	287·3	*286·7*	+ 0·1	1950	+371
752a	Bangalore	12 59	77 38	921	910·4	1010·7	+ 0·2	303·0	309·7	Mar.22	291·3	285·1	Jan.2,5	297·2	*296·4*	+ 0·7	788	-110
753	Madras	13 4	80 14	6·7	1009·0	1009·3	- 0·6	305·9	315·3	May 24	297·2	290·8	Dec.16	301·5	*300·9*	+ 0·3	1330	+43
754	Vizagapatam	17 42	83 19	38·4	1008·0	1009·1	- 0·3	303·5	311·4	June 9	297·5	290·3	Jan.1	300·5	*299·9*	- 0·1	1132	+186
755	Port Blair	11 40	92 40	18·0	1008·2	1010·2	- 0·2	302·9	306·2	Apr.27	298·0	293·7	Feb.1	300·5	*299·9*	- 0·2	2926	-30
756	Rangoon	16 46	95 48	5·3	1010·0	1010·7	- 0·2	305·3	311·3	May 4	296·4	290·2	Jan.14	300·8	*299·7*	+ 0·5	2497	-18
757	Cap St. Jacques	10 20	107 5	180	..	1010·3	..	301·4	307·3	Apr.29	296·1	292·8	Jan.11,12	298·8	*298·4*	- 0·5	1403	+104
758	Nhatrang	12 15	109 12	3·6	..	1009·5	..	303·2	310·0	Jun.11,Aug.18	295·8	289·5	Jan.11	299·5	*299·0*	- 0·2	988	-467
759	Bolinao	16 23	119 53	2	..	..	..	..	..	..	289·4	Jan.19	..	..	..	..	..	..
761	Vigan	17 34	120 23	12·2	..	1008·7	- 0·2	303·9	307·3	Sept.18	296·8	290·5	Jan.9	300·3	299·7	- 0·4	2990	+360
761a	Manila	14 35	120 59	14·2	..	1009·5	+ 0·1	304·2	309·7	May 8	295·3	290·0	Jan.8	299·9	299·3	- 0·3	2320	+289
762	Ormoc	11 0	124 36	5·8	..	1008·3	- 0·1	304·3	307·3	May 7	295·4	289·7	Feb.2	299·9	*299·5*	+ 0·2	2851	+591
765	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·7	+ 0·1	303·2	306·4	June 18	297·4	293·5	Jan.31	300·3	*300·5*	+ 0·2	2288	0
768	Saipan	15 14	145 46	207	987·4	1007·6	..	300·8	302·9	July 7, Aug.21	296·1	292·8	Jan.15	298·5	298·3	..	2165	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

YEAR - ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·2	1010·3	+ 0·1	304·1	308·0	Oct.4,27,Dec.4	..	..	..	..	*‡301·9*	+ 0·5	1844	-668
821	Cristobal	9 23	79 54	11·0	..	1010·2	- 0·3	303·4	307·4	Oct.2,16	297·6	294·1	Jan.28, Feb.8	300·5	299·9	+ 0·8	2912	-323
822	Bogota	4 36	74 5	2645	746·3	..	+ 0·4	292·2	296·4	Jan.16	282·7	277·3	Jan.23	287·4	*286·9*	- 0·1	624	-433
822a	Merida, Venezuela	8 36	71 9	1641	‡ 841·3	..	..	296·7	301·0	July 11	..	283·3	Dec.23	..	..	..	1288	-484
823	Ciudad Bolivar	8 9	63 33	38	1007·0	1011·3	..	304·3	307·8	Apr.17	296·1	291·7	Jan.14	300·2	*299·7*	- 0·4	1021	+109
824	El Peru, Guayanaveija	7 19	61 49	220	985·7	1010·8	+ 0·2	..	..	..	294·3	289·4	Jan.14	..	*‡295·4*	- 0·6	1536	+148
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·2	- 0·3	302·4	305·2	Oct.18	297·1	294·1	Oct.20	299·7	*299·5*	0·0	1820	-432
826	Paramaribo	5 49	55 9	3·7	1011·9	1012·3	- 0·6	304·4	308·2	Oct.7	295·5	291·1	Jan.15	300·0	*299·6*	+ 0·4	2019	-265
826a	Cayenne	4 54	52 21	1	..	..	..	..	..	..	..	..	..	..	..	..	2018	-1193
831	10°-5°N. 30°-25°W.	††7 4	††27 5	§(1029-1336)	..	1013·2	+ 0·7	..	..	Sea Temp. 299·1 / -0·2	..	..	..	..	298·9	- 0·1	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	..	..	..	302·7	306·9	Mar.31	..	..	..	..	*‡299·7*	- 0·7	3942	-51
835	Assuantsi	5 18	1 15	97·3	..	..	..	302·5	310·2	Aug.6	293·9	288·0	Jan.15	298·2	*297·5*	- 0·3	1068	-204
836	Accra	5 33	W. 0 12	17·7	..	1011·0	- 0·2	..	..	..	296·5	291·1	Jan.31	..	*300·1*	- 0·2	912	+216
837	Lagos	6 27	E. 3 24	3·0	1011·2	1011·5	+ 0·7	302·8	305·5	Nov.30	296·7	291·9	Dec.18	299·3	*299·2*	- 0·3	2181	+354
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	302·6	309·7	Feb.	..	..	..	..	..	..	5866	+2220
839	Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	..	..
841	Wau	7 42	28 3	440	960·2	1009·0	- 0·1	..	..	..	291·9	283·0	Dec.28	..	*298·6*	- 0·5	1189	+85
843	Malakal (Kodok)	9 35	31 37	394	964·9	1008·9	- 0·1	307·8	315·8	Mar.28	294·3	286·0	Dec.27,28	301·0	*299·7*	+ 0·2	1083	+176
843a	Mongalla	5 11	31 47	448	958·9	1008·9	- 0·4	307·9	316·3	Mar.4	293·6	287·5	Dec.27,28	300·7	*299·3*	0·0	931	-31
844	Entebbe	0 5	32 29	1171	883·9	1009·8	0·0	299·4	304·1	Mar.4	290·2	287·4	Jan.,July,Aug.	294·8	*294·7*	+ 0·8	1053	-444
845	Sheikh	9 55	45 15	1463	..	..	..	298·7	305·8	July 8	286·1	276·9	Mar.6	292·4	..	..	637	+54
851	Minicoy	8 17	72 49	2·7	..	..	..	303·5	306·4	May 21	297·9	293·8	Jan.6	300·7	*300·1*	..	1710	+84
851a	Cochin	9 58	76 21	2·7	1011·1	1011·5	0·0	302·8	306·3	Mar.9	297·2	291·0	Jan.4	300·0	*299·4*	- 0·4	3683	+772
852	Colombo Observatory	6 54	79 52	7·3	..	1010·1	+ 0·6	302·9	305·8	Feb.22	296·6	290·4	Jan.14	299·7	*299·1*	- 0·1	2292	+256
853	Nuwara Eliya	6 58	80 46	1881	814·3	1012·9	+ 1·4	293·1	297·4	May 16	282·9	270·4	Jan.14	288·0	*287·2*	- 0·2	2082	-273
854	Trincomalee	8 35	81 15	30·2	..	1008·4	+ 0·3	303·4	308·4	Sept.6	297·5	292·9	Jan.15	300·5	*299·9*	- 0·2	1614	+29
855	Kuta Raja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	1224	-414
856	Medan	3 35	98 41	25	..	1009·6	- 0·3	304·1	307·8	Aug.27	295·6	292·2	Jan.18	299·9	299·3	+ 0·7	1509	-522
857	Penang	5 34	100 20	5·0	..	..	..	..	..	..	..	293·0	Mar.1	..	..	..	2099	-623
858	Singapore	1 18	103 51	10·9	..	..	..	303·6	306·3	Jly.31,Aug.1	296·5	293·6	Aug.30	300·1	*299·6*	- 0·1	2009	-406
858a	Singapore (Mt.Faber)	1 16	103 49	90·5	999·1	1009·4	- 0·3	303·5	306·9	May 2	296·3	293·0	Aug.30	299·9	299·1	..	1919	..
859	Sandakan	5 50	118 7	31·7	..	..	..	303·6	306·3	Aug.6	296·7	295·2	4 months	300·3	*300·7*	- 0·1	3061	-109
860	∅Iwahig	9 44	118 38	14·3	..	..	..	303·7	?306·8	Apr.29	295·1	290·9	Jan.8	299·4	*299·2*	0·0	2307	+259
861	Tagbilaran	9 38	123 51	21·3	..	1008·5	- 0·2	304·1	307·7	Aug.17	296·3	291·7	Nov.29	300·2	299·3	- 0·4	1874	+319
861a	Menado	1 30	124 50	8·5	..	1008·8	- 0·1	303·1	307·1	Sept.5	295·9	292·7	Oct.23	299·5	299·0	- 0·2	2934	+272
862	Surigao	9 48	125 29	6	..	1008·9	+ 0·1	302·6	307·0	Aug.10	296·9	294·2	Jan.,Feb.,June	299·9	299·5	- 0·1	4740	+1257
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·3	+ 1·0	303·4	306·7	Oct.1	297·5	294·9	Jan.20	300·5	299·7	- 0·2	3218	+193
864	Palau	7 20	134 29	31·8	1005·5	1009·1	..	302·8	305·8	June 28	297·2	294·4	Feb.4	300·0	299·7	..	4782	..
867	Ponape	6 58 N.	158 13 E.	38·9	1004·6	1009·0	..	302·4	304·3	Aug.,Sept.,Oct.	296·7	294·0	July 14	299·5	299·3	..	5430	..

BETWEEN LATITUDE 0° AND 10° S.

YEAR - ZONE 9.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
902	Atafu	S. 8 32	W. 172 31	1·8	..	1009·5	..	302·7	306·1	Jan.16,17	300·1	297·3	Jan.19,Nov.1	301·4	..	..	2858	..
920	Lambayeque	6 46	80 55	15	..	..	..	301·8	308·2	Mar.8,23	289·3	283·2	July 11	295·3	294·3	..	27	..
921	Quito	0 14	78 30	2816	727·6	..	- 0·2	294·3	..	..	280·8	276·0	Jan.19	287·6	286·4	+ 0·6	1340	+86
924	Manaos	3 8	60 1	43·6	..	..	..	304·0	309·4	Oct.20	295·2	292·2	Aug.25	299·6	*299·2*	- 0·4	2551	+744
926	Taperinha	2 30	54 20	21·0	1009·0	1011·5	+ 0·1	304·0‡	307·8	Oct.31,Nov.7	295·7	293·3	July 29	299·8	*298·8*	+ 0·3	2223	+286
927	Turyassu	1 43	45 26	9·1	1009·9	1011·1	- 0·3	304·7	307·9	Nov.22,Dec.23	295·0	292·0	Aug.1	299·8	*299·2*	+ 0·2	2132	-146
928	Barra do Corda	5 30	45 16	81·0	1000·1	1009·4	- 0·9	305·0	309·8	Nov.6	293·7	286·6	July 28	299·3	*298·3*	0·0	1520	+501
929	Quixeramobim	5 16	39 15	207	988·8	1012·2	0·0	303·8	307·0	Jan.20,Dec.24	297·1	294·0	July 22	300·4	*300·3*	- 0·1	765	-14
930	Fernando Noronha	3 50	32 25	106	1000·3	1012·3	- 0·6	300·6	303·0	Feb.2,3	297·0	294·3	Mar.2, Jun.19	298·8	*298·3*	+ 0·1	2397	+1139
934	∅Ascension Island	7 56	W. 14 25	16·8	1012·7	1014·5	- 0·1	301·7	305·8	Mar.5,6	295·9	291·3	Nov.18	298·8	*298·2*	+ 0·1	83	-71
939	Loanda	8 49	E. 13 13	59·3	..	1011·8	- 0·7	299·3	305·0	Apr.23	294·5	287·4	July 3	296·9	296·4	- 0·1	377	+55
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	293·5	297·5	Sept.	283·0	278·4	Aug.	288·2	*288·9*	..	1718	..
943	Masaka	0 20	31 44	1280	..	..	..	300·3	305·2	Jan.,Feb.,sev.	289·4	286·9	Jan.,Mar.,July	294·9	..	..	1224	+174
944	Nairobi (Kabete Obs.)	1 16	36 48	1830	821·4	1014·1	..	295·2	301·7	Mar.11	285·4	279·6	Aug.11	290·3	289·6	0·0	1005	-18
944a	Zanzibar	6 10	39 11	17·1	1012·8	1014·7	- 0·4	302·3	305·9	Mar.5	297·9	294·1	Aug.12	300·1	*299·5*	+ 0·3	1399	-130
945	Lamu	2 16	40 50	3·0	..	..	..	301·8	304·7	Mar.31,Dec.18,19	297·2	293·6	Jun.,Jly.,Sept.	299·5	*299·1*	- 0·5	1027	+25
947	Seychelles, Port Office	4 37	55 27	4·6	1011·1	1011·6	- 0·3	301·6	304·5	Apr.16	296·5	293·9	Aug.13, Oct.19	299·1	*298·3*	- 0·5	1947	-454
957	Padang	0 56	100 22	6·7	..	1010·5	- 0·1	303·2	307·3	Feb.4	296·3	293·6	Aug.11	299·7	299·2	- 0·1	4348	-80
958	Batavia	6 11	106 50	8·0	1009·1	1010·0	+ 0·1	303·8	306·4	Sept.25	296·3	293·2	July 19	300·1	299·6	+ 0·5	1333	-499
958a	Pontianak	0 1	109 20	2·6	..	1009·2	- 0·7	304·8	307·3	May 19	297·2	295·4	Aug.4, Nov.16	301·0	300·1	+ 0·5	2863	-396
959	Pasuruan	7 38	112 55	5·0	..	1009·8	- 0·1	304·0	307·4	Nov.26	295·6	291·3	July 4	299·8	299·7	+ 0·1	957	-356
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	1900	-626
962	Amboina	3 42	128 10	4·2	..	1009·6	+ 0·1	302·1	307·6	Nov.27	297·0	293·6	Aug.20	299·5	299·2	+ 0·2	3868	+410
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	2375	-122
965	Daru	9 4	143 13	7·6	..	..	..	302·3	..	..	296·7	..	..	299·5	*299·1*	- 0·1	1650	-492
966	Port Moresby	9 29	147 9	38·4	..	..	..	302·6	..	..	297·0	..	..	299·8	*299·4*	- 0·1	1067	+41
967	Rabaul	4 9	152 12	12·5	1006·8	1008·3	- 0·2	305·3	307·8	Feb.7	295·9	293·8	Aug.5	300·6	*300·0*	+ 0·1	2790	+577
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·4	306·3	Nov.26	297·5	294·7	Aug.7,Sept.3	300·5	*300·3*	0·0	..	..
970	Ocean Island	0 52	169 35	39·6	1004·5	1009·4	- 0·6	304·9	308·6	Sept.27	298·6	295·2	July 4	301·8	*301·1*	+ 0·8	2347	+392
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

YEAR - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·7	- 0·4	302·3	305·2	Apr.20	296·5	293·1	Aug.14	299·4	299·5	+ 0·2	2794	+ 7
1003	∅Alofi, Niue Island	19 2	169 55	19·8	..	..	..	301·8	306·3	Feb.25	292·7	286·9	Aug.12	297·2	*297·0*	- 0·8	2913	+882
1021	Lima	12 5	77 3	111	997·7	1010·7	..	296·5	304·2	Jan.27	288·8	284·2	July 13	292·7	*291·3*	..	38	..
1022	Arica	18 28	70 20	5	..	..	..	..	..	..	..	..	..	..	..	..	2	+ 1
1024	La Paz, Bolivia	16 30	68 8	3658	657·5	..	- 0·5	290·4	297·3	Nov.10	276·9	270·6	July 16	283·7	*282·8*	+ 0·3	671	+79
1025	Corumba	18 59	57 39	116	997·4	1010·4	+ 0·1	303·4	311·4	Oct.13	292·3	281·2	May 30,Jun.24	297·8	*297·3*	- 0·5	1253	+62
1026	Cuyaba	15 36	56 6	165	991·8	1010·4	+ 0·1	305·0	311·5	Sept.3	293·3	283·3	July 21	299·2	*297·9*	- 0·3	1286	-91
1027	Bello Horizonte	19 56	43 56	895	914·4	1014·6	- 0·8	299·7	307·0	Oct.10	288·9	278·8	July 20	294·3	..	..	1628	+70
1028	Caetite	14 3	42 37	897	916·3	1014·8	+ 0·6	300·5	309·7	Oct.15	289·2	282·3	July 19	294·9	*294·8*	- 0·1	682	-175
1029	Ondina (Bahia)	13 0	38 31	46·6	1008·4	1013·8	- 0·4	301·2	307·0	Feb.1	295·3	291·4	July 19	298·3	*298·0*	+ 0·2	2007	+72
1030	Aracaju	10 55	37 3	6·1	1014·6	1015·4	+ 0·5	301·5	306·1	Apr.22	295·5	290·9	Aug.31	298·5	*298·2*	..	1102	..
1035	St. Helena	15 57	W. 5 40	579	947·5	1014·6	+ 0·3	..	..	..	286·6	284·1	Jly,Aug,Sept.	..	*288·5*	- 0·2	756	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	906·7	1013·9	..	303·6	313·7	Nov.7	281·2	275·6	July 26	292·4	..	..	662	..
1041a	Elisabethville	11 39	27 28	1230	877·7	1010·1	- 0·6	301·1	308·5	Oct.7	285·8	276·1	Aug.10	293·5	..	0·0	1225	+70
1042	Gwelo	19 26	30 2	1411	..	..	..	298·1	308·6	Nov.9	284·7	273·0	July 21	291·4	..	- 0·3	842	+181
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	854·7	1014·5	+ 0·2	297·8	308·0	Nov.11	285·3	275·2	Jly.21, Aug.10	291·6	290·9	+ 0·1	881	+80
1044	Zomba	15 23	35 18	955	907·4	1011·3	- 0·7	298·9	307·4	Nov.18,19,20	289·1	280·8	July 21	294·0	*293·3*	+ 0·2	1478	+92
1045	Mossuril	14 57	40 40	15	..	1014·0	..	303·6	311·4	Dec.21	293·7	286·3	Aug.10	298·7	298·5	..	1278	..
1046	Antananarivo	18 55	47 33	1375	865·7	1014·1	0·0	297·9	305·6	Dec.1	285·9	278·6	Aug.7	291·9	290·9	+ 0·4	1243	-113
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1012·2	1012·9	+ 0·7	302·4	305·3	Feb.24,Mar.5	297·7	293·1	Dec.6	300·1	*299·7*	+ 0·2	1534	-478
1057	Christmas Island	10 25	105 43	5·5	1008·8	1009·4	+ 0·6	303·5	306·3	Feb., Apr., May	296·8	292·4	July 24	300·1	*299·6*	- 0·1	1072	-1052
1061	Kupang	10 10	123 34	45	1005·2	1010·3	0·0	304·9	309·2	Oct.12	295·6	288·7	July 18	300·3	299·6	+ 0·2	1600	+157
1061a	Derby	17 18	123 40	16·2	1009·6	1011·7	+ 0·5	306·2	315·2	Feb.4	293·6	280·9	June 15	299·9	..	- 0·6	466	-190
1062	Hall's Creek	18 13	127 46	373	970·0	1011·3	- 0·3	306·6	316·7	Nov.10	290·9	274·1	July 21	298·7	*298·1*	+ 0·1	251	-280
1063	Darwin	12 28	130 51	29·6	1006·0	1009·5	0·0	305·3	310·3	Nov.22	296·1	288·4	July 1	300·7	*299·6*	- 0·4	1510	-24
1064	Daly Waters	16 16	133 23	211	986·3	1009·8	- 0·3	307·8	318·0	Nov.7	292·0	279·1	May 28, Sept.12	299·9	*299·3*	0·0	613	-59
1065	Palmerville	15 56	144 8	210	986·3	1009·8	- 0·4	305·2	313·7	Nov.6	291·4	280·7	Jun.30, July 1	298·3	..	- 0·4	987	-75
1066	Georgetown, Queensland	18 22	143 32	302	978·0	1011·8	0·0	305·0	314·4	Nov.6	289·9	274·7	July 29	297·4	..	- 0·8	925	+118
1066a	Willis Island	16 18	149 59	8·5	1009·7	1010·8	..	301·3	305·2	Dec.23	296·6	292·2	Sept.12	298·9	*299·0*	..	1057	..
1067	Samarai	10 37	150 40	6·1	..	1010·2	0·0	..	..	..	296·9	..	..	..	..	..	2093	-631
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1010·1	1010·8	- 0·5	301·0	305·2	Jan.17, Mar.7	295·3	288·6	Sept.3	298·1	297·9	+ 0·1	3779	+804

BETWEEN LATITUDE 20° S. AND 30° S.

YEAR - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
1105	Rarotonga (Avarua)	S. 21 12	W. 159 46	6·1	..	..	..	..	..	..	..	285·8	Jly.7,9,Aug.13	..	..	..	..	..
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1013·0	1015·8	- 0·6	291·1	297·9	Feb.6	284·5	278·3	July 24	287·8	*287·9*	+ 0·6	125	0
1122	Antofagasta	23 42	70 24	94	..	..	..	..	..	..	..	..	..	..	..	..	4	-11
1123	Catamarca	28 27	65 47	528	‡ 953·3	1011·0	0·0	302·2	..	..	286·8	268·8	May 29	294·5	*293·1*	- 0·1	229	-124
1124	Salta	24 46	65 28	1182	881·3	1010·3	- 0·2	..	..	..	..	269·8	Aug.1	..	290·7	+ 0·1	797	+89
1125	Goya	29 9	59 15	37	1009·4	1013·7	+ 0·5	300·5	315·0	Dec.26	287·4	271·4	June 18	294·0	*293·6*	+ 0·7	777	-293
1126	Asuncion	25 17	57 41	93	1003·5	1014·3	+ 1·9	302·1	313·0	Mar.6,Dec.25	291·0	275·5	June 18	296·6	*295·7*	+ 0·2	1319	-66
1127	Curityba	25 25	49 17	908	913·9	1015·5	- 0·3	294·9	304·0	Dec.5	285·1	270·5	June 19	289·9	*289·1*	- 0·2	1416	+19
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1012·3	1014·4	- 0·6	299·0	310·2	Dec.21	292·9	287·0	July 19	296·0	295·8	+ 0·1	1077	-21
1139	Windhoek	22 34	E. 17 6	1727	830·9	1012·3	..	299·0	307·6	Jan.14	285·7	270·5	July 4	292·3	*291·7*	+ 0·2	254	-123
1140	O'Okiep	29 36	17 52	933	911·4	1015·5	- 0·4	..	312·1	Jan.14	..	..	..	..	..	..	169	- 1
1141	Kimberley	28 44	24 46	1218	..	..	..	299·1	312·4	Jan.4	284·5	271·6	June 26	291·8	291·4	+ 0·9	487	+77
1141a	Johannesburg	26 11	28 4	1806	824·9	1016·7	0·0	294·3	304·3	Nov.8	283·3	270·6	June 26	288·8	*288·4*	+ 0·4	879	+35
1142	Bulawayo	20 9	28 35	1349	..	..	..	..	310·0	Nov.8	..	..	..	..	..	..	..	..
1143	Durban	29 52	31 3	15·2	1016·3	1018·1	- 0·8	297·5	308·9	Dec.3	290·8	281·9	June 25	294·2	*293·7*	+ 0·3	1526	+443
1144	Lourenço Marques	25 58	32 36	59·5	..	1017·2	- 0·1	299·8	310·7	Sept.23,Nov.20	290·7	282·1	July 1	295·2	294·8	- 0·2	705	-89
1147	Mauritius	20 6	57 33	55·2	1009·4	1015·8	- 0·3	299·5	306·2	Dec.1	292·7	286·4	July 10	296·1	295·8	- 0·2	1804	+543
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
††Mean latitude and longitude of the observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
∅Change of normals, see Table of Authorities, pages 105-15.
§Number of observations.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
∅Change of normals, see Table of Authorities, pages 105-15.

YEAR - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1010·0	1010·5	- 1·1	303·3	320·7	Jan.4	290·3	277·2	July 25	296·8	..	- 0·7	325	+93
1160	Cue	27 27	117 52	454	962·9	1014·1	+ 0·5	300·7	317·9	Jan.11	287·3	275·4	July 16	294·0	..	- 0·5	255	+27
1161	Nullagine	21 53	120 5	386	..	..	..	305·5	317·4	Jan.8	..	274·1	July 25	..	..	..	259	-76
1162	Laverton	28 40	122 23	466	962·5	1015·2	0·0	300·7	317·9	Feb.6	286·0	271·3	July 4	293·3	*293·2*	+ 0·1	202	-41
1163	Alice Springs	23 38	133 37	587	947·9	1013·3	+ 0·3	301·2	315·9	Jan.18	285·3	269·8	July 20	293·5	*293·5*	- 0·4	143	-130
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	Boulia	22 55	139 38	146	995·1	1011·7	0·0	304·2	318·3	Dec.23	288·7	274·9	July 30	296·4	*296·4*	- 0·7	131	-131
1165	Thargomindah	27 58	143 43	123	..	..	..	300·9	317·6	Dec.24	287·7	272·1	July 25	294·3	*294·0*	- 0·3	82	-130
1166	Mitchell	26 32	147 52	336	975·8	1014·2	- 0·2	300·1	314·3	Jan.18	283·8	268·0	July 16,21	291·9	..	- 0·4	470	-134
1167	Rockhampton	23 24	150 30	11·3	1012·2	1013·5	- 1·0	301·5	314·6	Jan.17	289·9	277·0	July 16	295·7	*294·9*	- 0·1	1804	+782
1168	Brisbane	27 28	153 2	41·3	1010·5	1015·0	- 0·9	298·7	311·9	Jan.31	288·2	277·2	Jun.23,Jly.17	293·5	*292·8*	0·0	1010	-141
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1014·5	1016·3	- 0·1	295·0	302·4	Feb.2	289·9	280·8	Aug.5	292·4	*292·0*	+ 0·2	1361	-32

YEAR - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 52 W.	6	1019·2	1019·9	..	291·2	299·3	Feb.3	..	..	..	..	*298·2*	..	741	-271
1221a	Punta Tumbes	36 37	73 6	120	1002·2	1016·7	+ 0·3	288·6	296·2	Jan.20	281·4	273·2	July 29	285·0	*295·3*	- 0·5	893	+368
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1011·1	1016·0	- 0·3	291·3	300·0	Nov.18	283·0	277·4	May 28	287·4	*287·1*	- 0·2	423	-88
1222a	Santiago	33 27	70 42	520	955·0	1015·4	- 0·3	295·5	307·0	Jan.19	280·5	271·0	May 31	288·0	*287·1*	+ 0·4	355	- 8
1223	Cordoba	31 25	64 12	423	963·9	1012·5	- 0·9	299·7	314·4	Dec.25	282·9	265·9	June 18	291·3	291·0	+ 1·1	439	-264
1224	Bahia Blanca	38 45	62 15	25	1009·3	1012·8	- 1·5	296·3	314·8	Jan.27	283·3	269·1	July 30	290·0	289·8	+ 1·4	353	-183
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1011·9	1014·9	- 0·6	295·7	310·3	Jan.19	284·5	270·7	June 18	290·1	289·8	+ 0·7	706	-239
1226	Montevideo (Prado)	34 52	56 12	24·9	1010·3	1013·7	- 1·9	295·1	310·9	Feb.16	283·9	272·1	July 24	289·5	*289·4*	+ 0·1	746	-92
1226a	Porto Alegre	30 2	W. 51 13	23·5	1012·1	1014·9	- 0·7	297·8	313·4	Feb.17	287·3	272·7	June 19	292·5	292·1	0·0	1140	
1239	Cape Town	33 56	E. 18 29	12·2	1016·4	1017·9	+ 1·2	294·9	312·1	Jan.27	285·7	276·3	July 21	290·3	*288·9*	+ 0·5	492	-144
1240	Danger Point	34 37	19 18	27·7	..	..	..	292·0	298·0	Apr.22,Dec.18	285·4	277·4	July 26,27	288·7	..	- 0·1	356	-281
1241	Riversdale	34 6	21 16	61·0	..	..	..	296·7	313·8	Feb.1	283·1	272·0	July 19	289·9	..	- 0·4	341	-95
1242	East London	33 1	27 54	45·4	1012·5	1017·8	+ 0·7	295·2	309·7	Apr.28	287·4	277·9	May 31	291·3	..	+ 0·1	987	+340
1259	Perth (Observatory)	31 57	115 51	60·0	1009·5	1016·7	+ 0·2	295·6	313·2	Feb.13	285·6	276·3	June 3	290·6	*290·4*	- 0·3	933	+50
1260	Katanning	33 42	117 35	310	980·3	1016·5	+ 0·4	294·6	312·3	Dec.17	281·6	271·3	July 12	288·1	..	- 0·4	515	+41
1261	Coolgardie	30 57	121 10	423	967·5	1015·9	+ 0·2	297·3	315·9	Feb.6	283·3	271·9	July 4	290·6	*290·5*	- 0·5	261	+ 3
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1016·0	1017·5	+ 0·4	295·1	313·8	Feb.7	284·8	273·6	July 29	289·8	*289·2*	- 0·5	327	-48
1264	Adelaide	34 56	138 35	42·7	1011·9	1017·1	+ 0·1	295·1	313·1	Jan.3	284·4	274·7	July 30	289·8	*289·5*	- 0·4	443	-92
1265	Melbourne	37 49	144 58	35·1	1011·5	1015·7	- 0·6	292·2	311·4	Jan.24	282·9	271·4	July 31	287·6	*287·3*	- 0·1	733	+86
1266	Bourke	30 13	145 58	110	1004·1	1016·9	- 0·1	301·1	318·0	Jan.7	285·2	270·2	June 26	293·1	..	- 0·6	103	-239
1267	Sydney	33 51	151 13	42·1	1009·8	1014·7	- 1·1	294·4	314·2	Jan.9	286·3	275·9	July 18	290·4	*289·8*	+ 0·1	1470	+264
1268	Lord Howe Island	31 20	159 0	4·9	1014·9	1015·5	- 1·0	294·7	301·6	Jan.31	289·1	279·0	Aug.2,3	291·9	..	- 0·2	1820	+147
1271	Auckland	36 51	174 48	13·4	..	1014·2	- 1·1	291·9	299·3	Jan.15,18	284·8	275·0	July 5	288·3	..	+ 0·2	1308	+170
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	290·9	304·7	Jan.15	282·5	271·1	Aug.2	286·7	..	- 0·5	726	-197

YEAR - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 52 S.	176 42 W.	45·7	..	..	..	..	..	..	..	..	..	..	..	..	700	-223
1321	‡Isla Guafo	43 34	74 45	140	998·7	1015·7	+ 0·3	284·1	290·5	Jan.23,Mar.28	..	274·6	June 16	..	*282·5*	- 0·2	1131	+89
1322	Punta Galera	40 1	73 44	40	1011·8	1016·7	+ 0·1	287·0	294·3	Mar.23	282·2	276·8	Aug.17	284·6	*284·6*	+ 0·4	2096	-105
1323	Sarmiento	45 34	69 0	272	977·3	1009·3	- 0·8	289·6	305·2	Jan.3	278·2	261·9	May 31	283·9	283·6	- 0·1	80	-50
1324	‡Puerto Madryn	42 49	W. 64 58	14	1008·2	1009·9	- 1·3	293·7	308·4	Jan.24	278·5	264·1	July 6	286·1	287·0	+ 0·5	117	-42
1365	‡Launceston	41 27	E.147 10	81·1	..	1012·3	- 0·7	290·1	302·9	Feb.21	280·3	269·9	July 29	285·2	*284·4*	- 0·5	799	+86
1366	Hobart	42 53	147 20	53·9	1005·3	1011·8	- 0·5	289·2	306·7	Feb.9	281·1	271·3	July 1	285·2	*284·4*	- 0·2	675	+70
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·7	299·7	Jan.31	279·1	269·1	Aug.25	283·4	..	+ 0·4	1062	-106
1370	Alexandra	45 15	169 24	189	..	..	..	288·3	305·3	Jan.19	277·5	266·1	May 18	283·1	282·7	..	299	..
1371	Dunedin	45 52	170 31	6·1	..	1011·3	- 0·8	287·9	307·4	Jan.18	279·2	271·2	Jun.29,30,Jly.5	283·6	..	+ 0·2	1066	+100
1371a	Christchurch	43 32	172 37	7·8	..	1010·9	- 1·2	288·7	304·9	Jan.18	279·4	269·3	Aug.2	284·1	..	- 0·3	599	-42
1372	Wellington	41 16 S.	174 46 E.	128	..	1012·5	- 1·5	288·0	296·8	Feb.26	282·1	274·1	Sept.22	285·0	284·5	- 1·0	1207	-15

YEAR - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24 S.	75 6 W.	55	994·2	1000·9	- 1·6	281·4	287·0	Jan.24	276·8	271·0	Jun.20,Jly.2	279·1	*279·6*	+ 0·3	2482	-550
1422	Magallanes (Punta Arenas)	53 10	70 54	28	996·2	999·8	- 2·6	283·0	295·5	Feb.6	276·7	269·6	July 31	279·9	*279·8*	+ 0·3	276	-109
1423	Punta Dungeness	52 24	68 26	5	999·0	999·8	- 2·0	..	..	..	276·7	271·4	Aug.4	..	*280·0*	- 0·1	202	-25
1424	‡Santa Cruz	50 1	68 31	12	1001·7	1003·1	- 2·0	287·2	301·6	Jan.24	276·8	263·6	Aug.4	282·0	281·8	+ 0·2	196	+48
1425	‡Stanley, Falkland Is.	51 42	57 51	1·8	..	999·7	- 2·8	282·3	291·3	Jan.28,Mar.16	274·7	264·7	Aug.8	278·5	..	- 0·2	852	+193
1426	Cape Pembroke	51 41	57 42	21·3	996·7	999·3	- 2·7	281·4	290·2	Dec.24	275·8	268·8	Aug.3	278·6	278·3	- 0·2	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	994·8	995·1	- 1·7	277·8	291·9	Jan.28	271·7	259·6	Aug.7	274·7	*274·7*	0·0	1475	+157

YEAR - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	‡South Orkneys	60 44 S.	44 39 W.	7	991·4	992·3	- 0·4	270·6	279·3	Mar.31	263·9	239·5	Aug.5	267·2	..	- 1·2	389	-27
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡Change of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL, 1929

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1929, AND THE PERIOD OF THE NORMALS, TOGETHER WITH THE HOURS OF OBSERVATION, FORMULAE FOR MEANS, ETC.

Between Latitude 80°N. and 70°N. P = Barometric Pressure T = ¼(M+m) Temperature & = True Mean Temperature R = Precipitation. ZONE 1.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115.
101	Wrangell Island	..	..	..
105	Barrow	Washington, D.C., U.S. Dept. Agric. Climatological Data, Alaska Section, 1929.	P, 1921-30. T,R, 10 yrs., 1917-30.	c P = ¼ (8+20).
125	Upernivik	Copenhagen, Danske Meteor. Aarbog, 1929.	P, 1874-1920. &, R, 1873-1920.	e P = ¼ (8+14+21). & = ⅛[2(8+14)+5x21]. 45° W. meridian time.
131	‡Myggbukta	MS. data supplied by Norweg. Meteor. Inst., Oslo.	..	klw P = ¼ (8+14+19). & derived from ¼(2+8+14+19).
132	Scoresbysund	See No. 125.	..	e P = ¼ (8+14+21). & = ⅛[2(8+14)+5x21]. 30° W. meridian time.
135	Jan Mayen	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1930.	P, &, R, 10 yrs., 1921-31.	cek P = ¼ (2+8+14+19). & = n - k (n - min.) where n is the mean of the three fixed daily observations and k is a factor varying with the station and month.
139	Spitsbergen (Green Harbour)	Do. do.	P, &, R, 1912-26.	ce P = ¼ (8+14+19). & = mean of 24 hrs. Absolute maxima taken from hourly readings.
140	Björnöen	Do. do.	P, &, R, 1920-29.	cek P = ¼ (8+14+19). &, see Jan Mayen, No. 135. Pressure values Aug. to Dec. have been reduced to old height of 40·5m.
141	Ingöy	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1929.	P, &, R, 1922-31.	ekw P = ¼ (8+14+19). &, see Jan Mayen, No.135.
142	Sletnes	Do. do.	P, 25 yrs., 1898-1923.	ekw Do. do.
143	Vardö	Do. do.	P, 1866-1921. &, 1861-1920. R, 1893-1928.	ekw Do. do.
147	Malye Karmakouly	Washington, Smiths. Inst. Misc. Coll., 90, 1934.	P, 16 yrs., 1896-1920. &,39 yrs., 1876-1928. R, 42 yrs., 1874-1923.	e P = ¼ (7+13+21). & derived from these hours.
148	Waigatz	Do. do.	P, 1874-1918; '20-23. &, 1920-29. R, 15 yrs., 1896-1925.	e Do. do.
153	Dickson	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, 10 yrs., 1916-28. &, 10yrs., 1915-26. R, 10 yrs., 1915-27.	e Do. do.
162	Bouloune	..	P, &, R, 10 yrs., 1916-27.	.. ..

ZONE 2.

Between Latitude 70° N. and 60° N.

201	Preobrajenye	..	..	..
202	Savoonga	Washington, D.C., U.S. Dept.Agric. Climatological Data, Alaska Section, 1929.	..	..
203	Nome	Washington, D.C., U.S. Dept. Agric. Climatological Data, Alaska Section, 1929 and Rep. of Chief of Weather Bureau, 1929-30.	P, 1918-28. T, R, 19 yrs.	cq P, (Jan to Aug.) = ¼ (6+17). (Sept.) = ¼ (2+14), (Oct. to Dec.) = ½(5+17). &,(Jan. to Aug.) = ⅛(6+17+M+m), (Oct.to Dec.) = ¼ (5+17+M+m).
204	Bethel	See No. 202.	..	c P, (Jan. to May) = ¼ (6½+17½), (June) = ⅛(6½+17½), (July)=⅛(6+17½), (Aug. to Dec.)=⅛(6+18)
205	Tanana	See No. 203.	P, 1918-28. T, R, 25 yrs. T, R, 19 yrs.	cq P = ¼ (7+18½). & = ¼ (7+18½+M+m).
206	Rampart	See No. 202.	..	.. ..
207	Valdez	Do.	P, 1917-27. T, 25 yrs., 1882-1925.	cq P = ¼ (8+20). & = ¼ (8+20+M+m).
208	Eagle	See No. 203	R, 25 yrs., 1882-1923. T, R, 1897-1926.	em Do. do.
209	Dawson	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1929.	..	em Do. do.
210	Mayo Landing	Do. do.	T, 1908-28. R, 1898-1922.	em P = ¼ (8+20).
211	Fort Good Hope	Do. do.	T,R, 1897-1927.	em P = ¼ (8+20). & = ¼ (8+20+M+m).
212	Fort Simpson	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1929 and Washington, Smiths. Inst. Misc. Coll., 90, 1934.	T, R, 1893-1928.	em Do. do.
213	Hay River	See No. 209.	P, &, R, 1873-1920.	ce P = ¼ (8+14+21). & = ⅛[2 (8+14)+5x21].
225	Jacobshavn	Copenhagen, Danske Meteor. Aarbog, 1929.	&, 1875-1920. R, 1873-1917.	c & = ⅛[2(8+14)+5x21].
226	Godthaab	Do. do.	P, 1878-1920. &, 1879-1920. R, 1875-1920.	ce P = ¼ (8+14+21). & = ⅛[2(8+14)+5x21].
227	Ivigtut	Do. do.	P, &, 35 yrs.,1894-1930. R, 25 yrs., 1897-1923.	ce Do. do.
229	Angmagsalik	Do. do.	P, 1845-1923. &, 1846-1900. R, 1856-1923.	c Do. do.
231	Stykkisholm	Reykjavik, Mánadaryfirlit samid á vedurstofunni, 1929.	P, 1881-1923. &, 1878-1916. R, 1880-1923.	c Do. do.
232	Vestmanno	Do. do.	P, 1874-1918; '20-23. &, 1875-1916.	c Do. do.
233	Grimsey	Do. do.	R, 42 yrs., 1874-1923.	c P = ¼ (6+13+16). & = ⅛[2(8+14)+5x21]
233a	Akureyri	Do. do.	P, 1874-1918; '20-23. &, 1920-29. R, 1872-1923. &, 1873-1916. R, 1873-1923.	c P = ¼ (8+14+21). & = ⅛[2(8+14)+5x21]
234	Teigarhorn	Do. do.	P, 1872-1923. &, 1873-1922.	ce Do. do.
235	Hjálvig	See No. 225.	P, 1872-1920. T, R, 1873-1922. P, 1871-1915. T, R, 1881-1915.	c P, & = ¼ (1+7+13+18).
236	Lerwick	London, Monthly Weather Rep. of Meteor. Office, 1929.	..	ew P = ¼ (8+14+19). &, see Jan Mayen, No.135.
237	Bergen (Met.Obs.)	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1929 and MS. data.	P, (1860-1926). &, 1904-28. R, 1765-70; 1861-1921. P, (1851-1900). &, 1861-1920. R, 43 yrs., 1867-1926.	ekw Do. do.
238	Aalesund	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1929.	P, 1874-1913. &, 1861-1920. R, 1876-1925.	ce Do. do.
239	Trondhjem	See No. 237.	P, R, 1868-1920. &, 1861-1920.	cek Do. do.
240	Bodö	See No. 238.	P, 1860-1920. &, 1859-1920. R, 1860-1924.	ew P = ¼ (8+14+21). & derived from these hours.
241	Haparanda	Stockholm, Statens Meteor.-Hydrogr. Anstalt, Arsbok XI, 1929.	P, 1882-1920. &, 1829-1923. R, 1844-1924.	ce P = mean of 24 hrs. & derived from ¼ (7+15+2x21).
242	Helsingfors	Helsingfors, Jahrb. Meteor. Zentral-Anst., Pt. I., 1929.	P, 1884-1928. &, 35 yrs., 1884-1919. R, 1886-1920.	ce P = ¼ (7+15+21). & derived from ¼ ¼ (7+15+2x21).
242a	Kuopio	Do. do.		

‡Interpolated values for missing months are published in Le Climat de L'Eirik-Randes-Land by B.J.Birkeland et Georg Schow, Oslo, Skrifter om Svalbard og Ishavet. No. 51.

Zone 2-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115.
243	Kola	..	..	..
244	Petrozavodsk	..	..	..
245	Arkhangelsk	Washington, Smiths. Inst. Misc. Coll., 90, 1934.	P, 1851-1917. ℞, 1813-1917. R, 1871-1917.	e P = ⅓ (7+13+21). ℞ derived from these hours.
246	Mezen	..	..	..
247	Oust-Tsylma	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, 26 yrs., 1890-1922. ℞, 35 yrs., 1890-1930. R, 35 yrs., 1889-1930.	e P = ⅓ (7+13+21). ℞ derived from these hours.
248	Tcherdyn	Do. do.	P, (1851-1900). ℞, 35 yrs., 1847-48; '88-1927. R, 35 yrs., 1885-1923.	e Do. do.
249	Berezov	See No. 245.	P, 25 yrs., 1887-1920. ℞, 35 yrs., 1881-1920. R, 35 yrs., 1878-1920.	e Do. do.
250	Obdorsk	..	..	..
251	New Port	..	..	..
252	Sourgout	See No. 245.	P,35 yrs., 1887-1924. ℞, 37 yrs., 1884-1922. R,35yrs.,1884-1923.	e P = ⅓ (7+13+21). ℞ derived from these hours.
253	Deudinka	..	..	..
254	Touroukhansk	See No. 245.	P, (1871-95). ℞, 35 yrs., 1843-44; '77-1920. R, 35 yrs., 1877-1922.	e P = ⅓ (7+13+21). ℞ derived from these hours.
261	Viliouisk	..	..	..
262	Iakoutsk	See No. 245.	P, 33 yrs., 1888-1926. ℞, 35 yrs., 1888-1924. R, 35 yrs., 1837-1918.	e P = ⅓ (7+13+21). ℞ derived from these hours.
263	Verkhoïansk	Do.	P, 15 yrs., 1901-20. ℞, 35 yrs., 1883-1928. R, 25 yrs., 1886-1916.	e Do. do.
264	Pétropavlovskoe	..	..	..
268	Naiakhan	..	..	..
271	Novo Mariinskii Post	See No. 245.	P, 13 yrs., 1898-1927. ℞,16 yrs., 1898-1927. R, 15 yrs., 1898-1927.	e P, ℞ = ⅓ (7+13+21).

ZONE 3. Table showing the Authorities for the Meteorology of the Globe between Latitude 60°N. and 50°N.

302	St. Paul Island	Washington, D.C.,U.S. Dept. Agric. Climatological Data, Alaska Section, 1929.	P, 10 yrs., 1917-27. T, 15 yrs. R, 23 yrs.	c P = ¼ (6+18).
303	Dutch Harbor (Radio)	Washington, D.C.,U.S. Dept. Agric. Climatological Data, Alaska Section, 1929 and Rep. of Chief of Weather Bureau, 1929-30.	P, 10 yrs., 1917-27. T, 25 yrs., 1872-86; 1905-25. R, 15 yrs., 1905-20.	oq P, ℞ = ¼ (1+13).
304	Chernofski Harbor	See No. 302.	..	..
305	Dillingham	Do.	T, 10 yrs., 1919-29. R, 10 yrs., 1919-30.	..
306	Kodiak (Radio)	See No. 303.	P, 10 yrs., 1918-28. T, 1917-27. R, 25 yrs., 1898-1930.	oq P, ℞ = ¼ (2+14).
309	Sitka	See No. 302.	T, 43 yrs., R, 61 yrs., 1842-1921.	..
310	Prince Rupert	Toronto, Meteor. Service, Monthly Record of Meteor. Obs.,1929.	P, 1911-25. T, 1909-23. R, 1910-24.	en P = ¼ (8+20). ℞ = ¼ (8+20+M+m).
311	Barkerville	Do. do.	P, 1899-1924. T, 1888-1923. R, 1888-1925.	en Do. do.
312	Kamloops	Do. do.	P, 1911-30. T, 35 yrs., 1891-1927. R, 1895-1929.	en Do. do.
313	Calgary	Do. do.	P, 1894-1928. T, 1884-1923. R, 1884-1920.	en Do. do.
314	Fort Chipewyan	Do. do.	T, R, 1884-1928.	en Do. do.
315	Prince Albert	Do. do.	P, 1897-1921. T, 1885-1925. R, 1884-1920.	en Do. do.
316	Qu'Appelle	Do. do.	P, 1892-1926. T, R, 1883-1920.	en Do. do.
317	Minnedosa	Do. do.	P, 1895-1919. T, 35 yrs. R, 1883-1917.	en Do. do.
318	Berens River	Do. do.	T, 25 yrs., R, 1886-1920.	..
318a	Port Nelson	Do. do.	T, R, 1915-29.	en P = ¼ (8+20). ℞ = ¼ (8+20+M+m).
319	Pagwa	Do. do.	T, R, 1918-30.	..
320	Moose Factory	Do. do.	T, 35 yrs., 1890-1926. R, 1895-1927.	en P = ¼ (8+20). ℞ = ¼ (8+20+M+m).
321	Fort George	..	..	..
322	Mistassini Post	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1929 and Washington, Smiths. Inst. Misc. Coll., 90, 1934.	T, R, 1894-1900; '14-28.	..
324	Natashquan	See No. 310.	T, R, 15 yrs., 1914-30.	..
326	Belle Isle	..	..	..
333a	62°-57°N. 20°-15°W.	MS. data supplied by Danske Meteor. Inst., Copenhagen.	Sea Temperature, 1876-1915.	Insufficient data Jan.
334	Valentia Observatory	London, Observatories' Year Book, 1929.	P, ℞, 1871-1915. R, 1871-1920.	P, ℞ = mean of 24 hrs.
335	Aberdeen	Do. do.	P, ℞, 1871-1915. R, 1871-1920.	Do.
336	Greenwich	London, Monthly Weather Rep. of Meteor. Office, 1929.	P, 1854-1920. ℞, R, 1881-1915.	Do.

ZONE 3-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
337	Uccle	MS data supplied by Inst. Roy. Météor. de Belgique.	P, 1833-1904. T, 1886-1920. R, 1887-1926.	e P = mean of 24 hrs. ℞ = mean of bi-hourly observations.
338	De Bilt	Utrecht, K. Nederlandsch Meteor. Inst., Jaarboek, 1929.	P, R, 1849-1920. ℞,= 1849-1929.	ae P, ℞ = mean of 24 hrs.
338a	Hamburg	Hamburg, D. Seewarte, Ergebn. d. Meteor. Beob.,1929.	P, ℞, R, 80 yrs.	e P = ½(8+14+20). ℞, May to Aug. = ½(8+20+M+m). Sept. to Apr. = ½[5(8+20)+2x14].
339	Copenhagen (Meteor. Inst.)	Copenhagen, Danske Meteor. Aarbog, 1929.	P, 1842-1917. ℞, 1768-76; '82-88; '98-1920. R, 1820-1920.	ce P = ½(8+14+21). ℞ derived from these hours. Temp. and rainfall data refer to the Landbohøjskolen,55°41'N. 12°33'E. 13m.
340	Potsdam	Berlin, Ergebn. d. Meteor. Beob. in Potsdam, 1929.	P, 1851-1916. ℞ 1893-1927. R, 1877-1916.	e P, ℞ = mean of 24 hrs.
340a	Uppsala	Uppsala, Bull. Mens. de l'Obs. Météor., 1929.	P, 1860-1920. ℞ 1855-1920. R, 1851-1924.	e Do.
341	Warsaw	Warsaw, Ann. de l'Inst. Météor., Pologne, 1929.	P, 1885-1920.	e P = ⅓(7+13+21). ℞ = ⅓(7+13+2x21).
342	Tartu (Ülikooli)	Tartu, Meteor. Jahrb. für Eesti, 1929.	P, ℞, R, 1866-1915.	e P, ℞ = mean of 24 hrs.
343	Leningrad	Washington, Smiths. Inst. Misc. Coll., 90, 1934.	P, ℞, 1871-1915. R, 90 yrs., 1778-97; 1835-1915.	e P = ⅓(7+13+21). ℞ derived from these hours.
344	Kiiv	..	..	..
344a	Moscow	See No. 343.	P, 1871-1915. ℞, 1881-1915. R, 61 yrs., 1853-1915.	e P = ⅓(7+13+21). ℞ derived from these hours.
345	Saratov	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, (1851-1900). ℞, 52 yrs., 1836-1915.	e Do. do.
346	Kazan	Kazan, Bull. Meteor. de l'Obs. de Géophys. de l'Univ., 1929.	P, ℞, 1881-1915. R, 1876-1925.	e Do. do.
347	Orenburg	See No. 345.	P, ℞, 1886-1920. R, 37 yrs., 1885-1922.	e Do. do.
348	Perm	Do.	P, 1885-1922. ℞, 1883-1922. R, 35 yrs., 1882-1917.	e Do. do.
349	Sverdlovsk	See No. 343.	P, ℞, 1881-1915. R, 1836-1922.	e Do. do.
350	Tobolsk	See No. 345.	P, 35 yrs., 1887-1927. ℞, 35 yrs., 1884-1924. R, 42 yrs., 1841-1922.	e Do. do.
351	Akmolinsk	Do.	P, 25 yrs., 1896-1927. ℞, 35 yrs., 1881-1923. R, 36 yrs., 1873-1919.	e Do. do.
352	Omsk	See No. 343.	P, 35 yrs., 1887-1930. ℞, 35 yrs., 1885-1927. R, 35 yrs., 1875-1923.	e Do. do.
353	Barnaoul	See No. 345.	P, ℞, 1881-1915. R, 81 yrs., 1838-1922.	e Do. do.
354	Tomsk	Do.	P, ℞, 1881-1915. R, 45 yrs., 1874-1922.	e Do. do.
355	Minousinsk	See No. 343.	P, 35 yrs., 1889-1926. ℞,35yrs., 1885-1923. R, 35 yrs., 1874-1926.	e Do. do.
356	Eniseisk	Do.	P, 35 yrs., 1889-1925. ℞,1881-1915. R, 48 yrs., 1871-1922.	e Do. do.
357	Irkutsk	Do.	P, 1881-1926. ℞, 1881-1920. R, 1887-1921.	e Do. do.
358	Kirensk	Do.	P, 25 yrs.,1896-1924. ℞, 35 yrs.,1892-1929. R, 27 yrs., 1892-1922.	e Do. do.
359	Tchita	Do.	P, ℞, 35 yrs., 1890-1929. R, 25 yrs., 1887-1915.	e Do. do.
360	Nertchinskii Zavod	Do.	P, ℞, 1881-1918. R, 74 yrs., 1839-1919.	..
361	Tygan Ourkan	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	See No. 343.	P, 25 yrs., 1890-1921. ℞, 35 yrs., 1881-1921. R, 35 yrs., 1877-1926.	e P = ⅓(7+13+21). ℞ derived from these hours.
364	Ghantar Bolchoy	..	..	..
365	Nikolaevsk-sur-Amour	See No. 343.	P, 47 yrs.,1871-1919. ℞, 60yrs.,1854-1919. R, 51 yrs., 1860-1919.	e P = ⅓(7+13+21). ℞ derived from these hours.
366	Okhotsk	Do.	P, 20 yrs., 1890-1930. ℞, 21 yrs.,1890-1930. R, 25 yrs., 1846-1929.	e Do. do.
368	Petropavlovsk (Phare)	Do.	P, 25 yrs., 1891-1930. ℞, 33 yrs., 1890-1930. R, 35 yrs., 1846-1928.	e Do. do.
369	Kluchevskoye	..	..	..
370	Nikolskoe	..	..	..

Table showing the Authorities for the Meteorology of the Globe between latitude 50°N. and 40°N. ZONE 4.

411	Victoria, B.C.	Toronto, Meteor. Service Monthly Record of Meteor. Obs.,1929.	P, 1900-24. T, R, 1891-1925.	en P = ½(8+20). ℞ = ½(8+20+M+m).
412	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1929-30 and Monthly Weather Rev. 1929.	P, T, 1873-1923. R, 1871-1922.	nq P, ℞ = ½(8+20) reduced to mean of 24 hrs. ℞ derived from ½(M+m).
413	Macleod	See No. 411.	T, 25 yrs., 1895-1921. R, 25 yrs.,1895-1920.	nq P, ℞ = ½(8+20) reduced to mean of 24 hrs.
414	Helena	See No. 412.	P, 1882-1923. T,R, 1880-1923.	nq Do. do.
414a	Salt Lake City	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
415	Cheyenne	Do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
416	North Platte	Do.	P, T, 1875-1923. R, 1874-1922.	nq Do. do.
416a	Bismarck	Do.	P, T, 1875-1923. R, 1874-1923.	en P = ½(8+20). ℞ = ½(8+20+M+m).
417	Winnipeg	See No. 411.	T, 1873-1920. R, 1886-1920.	n P, ℞ = ½(8+20) reduced to mean of 24 hrs.
418	Duluth	See No. 412.	P, see current data. T, 1904-28. R, 1871-1923.	en P = ½(8+20). ℞ = ½(8+20+M+m).
419	Port Arthur	See No. 411.	P, 1900-24. T, 38 yrs., R, 1881-1915.	n P, ℞ = ½ (8+20) reduced to mean of 24 hrs.
420	Chicago	See No. 412.	P, see current data. T, 1873-1923. R,1871-1923.	n P = ½(8+20). ℞ = ½(8+20+M+m).
421	Toronto	See No. 411.	T, 1873-1920. R, 1874-1920.	enq P = ½(7+14+21). ℞ = mean of 24 hrs.
422	New York (Central Park)	New York, Rep. of Meteor. Obs., Central Park, 1929.	P, 51 yrs., 1868-1920. ℞, R, 61 yrs., 1868-1930.	en P = ½(8+20) ℞ = ½(8+20+M+m).
423	St. John, N.B.	See No. 411.	T, 45 yrs. R, 1861-1910.	en Do. do.
424	S.W. Pt. Anticosti	Do.	T, R, 1882-1920.	

Zone 4-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
424a	Sable Island (Main Station)	See No. 411.	T, 25 yrs., 1898-1923. R, 35 yrs., 1891-1927.	en P = ½ (8+20). ☿ = ½(8+20+M+m).
425	Port aux Basques	Do.	P, T, R, 1909-23.	en Do. do.
426	St. John's, Newfoundland	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1929 and Washington, Smiths. Inst. Misc. Coll., 90, 1934.	P, 35 yrs-. 1886-1921. T, 1872-1920. R, 1874-1920.	en Do. do.
435	Madrid	MS. data supplied by Servicio Meteor. Nacional, Madrid.	P, T, 1901-25. R, 25 yrs., 1901-26.	ex P = ⅓(7+13+18). ☿ derived from these hours.
436	Nantes	Paris, Bull. Mens. de l'Office National Météor. de France, 1929 and MS. data.	P, ☿, R, 1881-1920.	P, ☿ = mean of 24 hrs.
437	Paris (Parc St. Maur)	Do. do.	P, ☿, 1874-1923. R, 1820-1910.	Do.
438	Marseille	Marseille, Commission de Météor. du Bouches du Rhône, Bull. Ann., 1929-30.	P, ☿, R, 1871-1920.	P = ⅓(7+12+18). ☿ derived from these hours.
438a	Zürich	Zürich, Ann. Schweiz. Meteor. Zentralanst., 1929.	P, ☿, R, 1864-1920.	e P, ☿ = mean of 24 hrs.
439	Rome	MS. data supplied by R. Uff. Centr. Meteor. e Geodin., Rome.	P, 1858-1924. T, 1831-1910. R, 1782-1924.	c P = ⅓(8+14+19). ☿ derived from ¼(M+m).
440	Vienna	Wien, Jahrb. d. Zentralanst. für Meteor. und Geodyn., 1929.	P, R, 1851-1920. ☿, 1775-1920.	e P, ☿ = mean of 24 hrs.
440a	Budapest	Budapest, Witterungsber. von Ungarn, 1929.	P, R, 1871-1920. ☿, 1871-1930.	e Do.
441	Sofia	Sofia, Bull. Mens. de l'Inst. Météor. de Bulgarie, 1929.	P, 1918-32. ☿, R, 1892-1926.	e P = ⅓(7+14+21). ☿ = ½(7+14+2x21).
442	Bucharest	Bucuresti, Bul. Lunar al Obs. Meteor. din România, 1929.	P, 1881-1924. ☿, 1857-1924. R, 1864-1924.	e P, ☿ = mean of 24 hrs.
443	Odessa (Observatory)	Odessa, Bull. Obs. Géophys., 1929 and MS. data.	P, ☿, 1881-1922. R, 69 yrs., 1841-1915.	e P = ⅓(7+13+21). ☿ derived from these hours.
444	Kharkiv (University)	..	..	..
444a	Novorossiisk	Washington, Smiths. Inst. Misc. Coll., 90, 1934.	P, 38 yrs., 1881-1922. ☿, 1891-1925. R, 1892-1914; '16-27.	e P = ⅓(7+13+21). ☿, derived from these hours.
445	Tiflis	MS. data supplied by Obs. Géophys. de la Géorgie, Tiflis.	P, 1881-1922. ☿, 1881-1915. R, 78 yrs., 1844-1922.	P = ⅓(7+13+21). ☿ = mean of 24 hrs.
446	Astrakhan	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, ☿, 1881-1915. R, 68 yrs., 1846-1915.	e P = ⅓(7+13+21). ☿ derived from these hours.
447	Fort Alexandrovsk	See No. 444a.	P, 25 yrs., 1882-1925. ☿, 35 yrs., 1882-1918. R, 47 yrs., 1848-1922.	e Do. do.
448	Krasnovodsk	Do.	P, 35 yrs., 1883-1923. ☿, 35 yrs. 1883-1922.R,35 yrs.,1870-1924.	e Do. do.
449	Kasalinsk	Do.	☿, 35 yrs., 1855-1921. R. 35 yrs., 1862-1906.	☿ derived from ⅓(7+13+21).
450	Tashkent	MS. data supplied by U.S.S.R. Central Weather Bureau, Moscow.	P, ☿, 1881-1915. R, 39 yrs. 1877-1922.	P = ⅓(7+13+21). ☿ = mean of 24 hrs.
451	Narynskoe	Do. do.	P, 14 yrs., 1902.20. ☿, 35 yrs., 1885-1927. R, 39 yrs., 1886-1928.	P = ⅓(7+13+21). ☿ derived from these hours.
451a	Andijan	Do. do.	..	e Do. do.
452	Alma Ata	See No. 444a.	R, 39 yrs., 1879-1922.	☿ derived from ⅓(7+13+21).
461	Moukden	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1929.	P, ☿, R, 1906-29.	ce P, ☿, = ½(2+6+10+14+18+22).
462	Joshin	Do. do.	P, ☿, R, 1906-29.	ce Do.
463	Yuki	Do. do.	P, ☿, R, 1915-29.	ce Do.
464	Vladivostok	See No. 444a.	P, 1876-1921. ☿, R, 1873-1921.	e P = ⅓(7+13+21). ☿ derived from these hours.
465	Ochiai	See No. 461.	P, ☿, R, 1908-29.	e P, ☿ = ½(2+6+10+14+18+22). 135° E. meridian time.
466	Nemuro	Do.	P, 1886-1920. ☿, R, 1884-1920.	e Do. do.
466a	Syana	Do.	P, ☿, R, 1903-29.	e Do. do.

ZONE 5. Table showing the Authorities for the Meteorology of the Globe between Latitude 40° N. and 30° N.

511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1929-30 and Monthly Weather Rev., 1929.	P, T, 1873-1923. R, 1850-1925.	nq P, ☿ = ½(8+20) reduced to mean of 24 hrs.
512	Sacramento	Do. do.	P, 1878-1931. T, 43 yrs.,1878-1921.R,1850-1924.	nq Do. do.
513	San Diego	Do. do.	P, T, 1873-1923. R, 1850-1923.	nq Do. do.
514	Modena	Do. do.	P, ☿, R, 1901-25.	nq Do. do.
515	Santa Fé	Do. do.	P, 1873-80; '82; '85-1923. T, 1873-82; '85-1923. R, 67 yrs., 1850-1923.	nq Do. do.
516	Denver	Do. do.	P, T, 1873-1923. R, 1872-1923.	nq Do. do.
517	Abilene	Do. do.	P, T, 1886-1923. R, 1885-1922.	nq Do. do.
518	Saint Louis	Do. do.	P, T, 1873-1923. R, 1837-1923.	nq Do. do.
519	Mobile	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
520	Nashville	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
521	Charleston	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
522	Washington	Do. do.	P, T, 1873-1923. R, 1871-1925.	nq Do. do.
524	Bermuda	Toronto, Meteor. Service, Monthly Record of Meteor. Obs.,1929.	☿, R, 62 yrs., 1866-1928.	en P = ½(8+20). ☿ = ½(8+20+M+m).
530	Santa Cruz (Flores)	MS. data supplied by Director, Meteor. Service, Azores.	P, 1907-31. T, R, 1911-25.	P, ☿ = mean of 24 hrs.
531	Horta	Do. do.	P, ☿, R, 1902-26.	Do.
532	Ponta Delgada	Do. do.	P, ☿, 1894-1928.	Do.
532a	Faja de Cima	Do. do.	R, 1911-25.	..
533	Madeira (Funchal)	Lisbon, Anais do Obs. Centr. Meteor. Vol. LXI, 1923-30.	P, ☿, R, 1880-1920.	e P = ⅓(9+15+21). ☿ = ½(9+21+M+m).

ZONE 5-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
535	Lisbon	Lisbon, Anais do Obs. Centr. Meteor. Vol. LXI, 1923-30 and MS. data.	P, ☿, R, 1864-1920.	e P, ☿ = mean of 24 hrs.
535a	Melilla	MS. data supplied by Servicio Meteor. Nacional, Madrid.	T, R, (1908-22).	ex P = ⅓(7+13+18). ☿ derived from these hours.
536	Gibraltar	MS. data at M.O.	P, 76 yrs., 1852-1930. T,78yrs.,1852-1932 R, 79 yrs., 1852-1932.	c P = ⅓(7+13+21). ☿ = ½(7+13+2x21).
536a	Colomb-Béchar	MS. data supplied by l'Office National Météor., Paris	T, 11 yrs., 1913-14; '21-30. R, 11 yrs., 1913-14; '21-29.	c P = ⅓(7+13+18). ☿ = ½(7+13+18+m).
537	Palma	See No. 535a.	P, T, R, 1866-1921.	ex Do. do.
538	Algiers (Bouzaréah)	..	..	..
538a	Gadames	Tripoli, Uff. Meteor. Boll., 1929.	T, 15 yrs., 1912-15; '19-30. R, 1912-15; '19-29.	..
539	Tunis	Tunis, Service Météor., Relevé des Obs., 1929.	☿, 35 yrs., 1887-1927. R, 35 yrs., 1887-1925.	ce P = ½(8+14+19). ☿ derived from ½(8+14+19+m).
540	Malta	MS. data at M.O.	P, 66 yrs., 1852-1923. T, 64 yrs., 1853-1853-1923.R, 70yrs., 1853-1923.	x P = ½(7+18). ☿ derived from ½(M+m).
541	Athens	Athens, Ann. de l'Obs. National, Tome XI.	P, 71 yrs., 1839-1923. ☿, R, 1858-1923.	e P, ☿ = mean of 24 hrs.
542	Alexandria	MS. data supplied by Phys. Dept., Cairo.	P, 1888-1922. ☿, 1870-1922. R, 1889-1923.	c P = ½(8+14+20). ☿ derived from ½(8+14+20+m).
543	Ankara (Angora).	..	..	..
543a	Nicosia (P.W.D.)	Cyprus Blue Book, 1929.	P, T, R, 1907-31.	ac P = ½(8+14). P = ½(8½+14½+20½).☿ = ⅓(8½+14½+20½+2M+3m).
544	Beirut	Beirut, Monthly Bull. of the Obs., 1929.	P, ☿, 1875-1924. R, 1876-1924.	x P = ½(2+6+13). ☿ derived from these hours.
545	Hinaidi	MS. data at M.O.	P, 1896-1910. T, R, 1922-32.	..
546	Lenkoran	..	..	aex P, (Jan. to May, Yr.) = 14h. P,(June to Dec.) = ½(4+14). ☿ derived from ¼(M+m).
547	Tehran	Calcutta, India Weather Review, 1929.	T, R, 25 yrs., 1893-1920.	a ..
548	Meshed	Do. do.	T, 17 yrs., 1891-1920. R, 26 yrs., 1893-1920.	ax P, (Jan. to July, Yr.) = 12h. P,(Aug. to Dec.) = ½(4+12).
549	Seistan	Do. do.	T, R, 1912-26.	aq P = 8h. ☿ derived from ½(M+m).
550	Quetta	Calcutta, India Weather Review, 1929 and MS. data.	P, R, see current data. T, 1878-1920.	aq P = 8h. ☿ derived from ½(M+m). Pressure values Jan. and Feb. reduced to new height of 355m.
551	Peshawar	Do. do.	P, R, see current data. T, 1878-1910.	aq P = 8h. ☿ derived from ½(M+m).
551a	Lahore	Do. do.	P, ☿, R, see current data. T, 1876-1920.	aq Do. do.
552	Simla	Do. do.	P, R, see current data. T, 43 yrs., 1875-1920.	aq Do. do.
552a	Leh	Do. do.	P, ☿, 1906-30. R, 39 yrs., 1875-1919.	e P = ⅓(6+14+22). 135° E. meridian time. ☿ derived from these hours.
559	Hankow	Tokyo, Monthly Rep. Centr. Meteor. Obs., Japan, 1929.	P, ☿, 1905-29. R, 1904-29.	e Do. do.
560	Tientsin	Do. do.	P, ☿, 1873-1920. R, 1873-1924.	e P, ☿ = mean of 24 hrs.
561	Shanghai(Zi-ka-Wei)	Zi-ka-Wei, Bull. des Obs., 1929	P, 35 yrs., 1888-1923. ☿, 1888-1922. R, 1905-29.	e Do.
562	Jinsen (Chemulpho)	Zinsen, Ann. Rep. Meteor. Obs., Tyôsen, 1929.	P, 1886-1920. ☿, R, 1879-1920.	e Do.
562a	Nagasaki	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1929.	P, 1881-1915. ☿, R, 1881-1920.	ce P, ☿ = ½(2+6+10+14+18+22).
563	Kyoto	Do. do.	P, 1886-1920. ☿, R, 1876-1920.	e P, ☿ = mean of 24 hrs.
564	Tokyo	Do. do.	P, ☿, R, 1897-1931.	ce P, ☿ = ½(2+6+10+14+18+22).
565	Fukusima	Do. do.	P, 1886-1920. ☿, R, 1884-1920.	ce Do.
566	Miyako	Do. do.		

ZONE 6.

Table showing the Authorities for the Meteorology of the Globe between Latitude 30°N. and 20°N.

601	Midway Island	MS. data supplied by Chief of Weather Bureau, Washington, D.C.	P, 1912-26. T, R, 1917-26.	cd P(Jan. to Mar.) = 18½h. P(Apr. to Dec.) = 12h.
605	Honolulu	Washington, D,C., U.S. Dept. Agric. Rep. of Chief of Weather Bureau, 1929-30 and Monthly Weather Rev., 1929.	P, 1883-1928. T, 1883-1920. R, 1874-1928.	q P = ½(8+20). ☿ = ½(8+20+M+m). 157½°W. meridian time.
			☿, (1901-10).	e P = ⅓(7+14+21). ☿ derived from these hours.
613	Guaymas	Tacubaya, Bol. del Servicio Meteor., Mexicano, 1929.	P, ☿, 35 yrs., 1879-1923. R, 37 yrs., 1878-1920.	eq Do. do.
615	Leon	Do. do.	P, 1886-88; '96-99; 1905-24. ☿, 1886-88; '96-99; 1905-22. R, 25 yrs., 1885-1924.	e Do. do.
616	Monterry	Do. do.	P, 1922-31. ☿, R, 15 yrs., 1911-27.	q Do. do.
617	Tulancingo	Do.	P, T, 1873-1923. R, 1871-1924.	mq P, ☿ = ½(8+20) reduced to mean of 24 hrs.
618	Galveston	See No. 605.	P, see current data. ☿, 1873-1923.	n Do. do.
618a	New Orleans	Do.	R,77yrs., 1836-1922. P, 35 yrs., 1894-1931. ☿, R, 25 yrs., 1895-1924.	e P = ⅓(7+14+21). ☿ derived from these hours.
619	Mérida, Yucatan	See No. 613.	P, 1858-1925.	e P, ☿ = mean of bi-hourly observations.
620	Havana	MS. data supplied by Director, Obs. Meteor. del Colegio de Belen, Habana.	P, T, 1873-1923. R, 1871-1922.	mq P, ☿ = ½(8+20) reduced to mean of 24 hrs.
620a	Key West	See No. 605.	P, 45 yrs., 1871-1920. T, 43 yrs., 1874-1920. R, 55 yrs., 1855-1920.	n P = ½(8+15). ☿ derived from ½(M+m).
621	Nassau, Bahamas	Bahamas Blue Book, 1929 and MS. data.	P, ☿, 15 yrs., 1915-30.	ekl P, ☿ = ½(8+12+16+22).
622	Watling Island(San Salvador)	MS. data at M.O.	..	e P = ⅓(7+14+21). ☿ = ½(7+14+2x21).
633	Port Etienne	Dakar, Journal Office. de l'Afrique occid. française, 1929.	P, T, R, 1916-25.	qx P = ⅓(7+12+18). ☿ derived from these hours.
634m	Isaña	MS. data supplied by Servicio Meteor. Nacional, Madrid.	P, 1911-25. T, 37 yrs. R, 35 yrs.	dex P = ⅓(7+13+18).
634	La Laguna	Do. do.		

ZONE 6-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115.
636	Adrar	..	..	..
638	Lapperine	..	..	..
641	Ghirabub	Tripoli, Boll.Meteor.della Cirenaica,1929.	..	..
642	Siwa	MS. data supplied by Phys. Dept., Cairo.	P, 1921-30. T, 10 yrs., 1920-32. R,1920-29.	f P = ⅓(8+14+20). ♂ = ⅓(8+14+20+m).
643	Cairo (Helwan)	Do. do.	P, ♂, R, 1904-28.	P = ⅓(8+14+20). ♂ derived from ¼(8+14+20+m).
643a	Aswan	Do. do.	P, ♂, 1901-25.	f P = ⅓(8+14+20). ♂ = ¼(8+14+20+m). No rain gauge as rainfall is practically unknown.
644	Tor	Do. do.	P, ♂, 1905-30. R, 1919-29.	f P = ⅓(8+14+20). ♂ = ¼(8+14+20+m).
647	Bushire	Calcutta, India Weather Review, 1929 and MS. data.	T, 43 yrs., 1876-1920. R, 44 yrs., 1876-1920.	ax P = ⅓(4+14). ♂ derived from ¼(M+m).
648	Jask	Do. do.	T, 27 yrs., 1893-1920. R, 28 yrs., 1892-1920.	ax Do. do.
649	Karachi	Do. do.	P, R, see current data. T, 1905-19.	aq P = 8h. ♂ derived from ¼(M+m).
650	Jacobabad	Do. do.	P, R, see current data. T, 1878-1910.	aq Do. do.
651	Jaipur	Do. do.	P, ♂, R, see current data.	aq Do. do.
652	Nagpur	Do. do.	P, R, see current data. T, 1875-1920.	aq Do. do.
653	Allahabad	Do. do.	P, R, see current data, T, 1876-1920.	aq Do. do.
653a	Darjeeling	Do. do.	P, R, see current data. T, 1890-1910.	aq Do. do.
654	Calcutta	Do. do.	P, ♂, R, see current data.	aq Do. do.
655	Gauhati	Do. do.	P, R, see current data. T, 1902-20.	aq Do. do.
655m	Cherrapunji	Do. do.	P, R, see current data, T, 1902-20.	adq P = 8h.
655a	Akyab	Do. do.	P, R, see current data. T, 1878-1920.	aq P = 8h. ♂ derived from ¼(M+m).
656	Mandalay	Do. do.	P, R, see current data. T, 1889-1910.	aq Do. do.
656a	Tengyueh	MS. data supplied by Chinese Maritime Customs.	T, R, 1914-28.	e P = mean of tri-hourly observations. ♂ derived from ¼(M+m).
657	Phu Lien	Phu Lien, Ann. du Service Météor. de l'Indochine, 1929 and MS. data.	P, ♂, R, 1907-31.	P, ♂ = mean of bi-hourly observations.
658	Moncay	Do. do.	P, 1907-21. T, R, 1907-31.	P = ½(1st and 2nd max. + 1st and 2nd min.). ♂ derived from ¼(M+m).
659	Hongkong	Hongkong, Royal Obs. Monthly Meteor. Bull., 1929.	P, ♂, R, 1884-1928.	P, ♂ = mean of 24 hrs.
660	Amoy	Nanking, Ann. Meteor. Rep., 1929.	P, ♂, 15 yrs., 1894-1901; '14-22. R, 35 yrs., 1880-1924.	c P = 9h. ♂ derived from ¼(M+m).
661	Taihoku, Formosa	Tokyo,.Ann. Rep. Centr. Meteor. Obs., Japan, 1929.	P, ♂, R, 1897-1931.	e P, ♂ = mean of 24 hrs.
661a	Basco	Manila, Weather Bureau, Monthly Bull.,1929.	P, ♂, 25 yrs., 1903-28. R, 25 yrs., 1903-30.	c P, ♂ = ½(2+6+10+14+18+22).
662	Naha	See No. 661.	P, ♂, R, 1891-1925.	e P, ♂ = mean of 24 hrs.
665	Titizima (Bonin Islands)	Do.	P, ♂, R, 25 yrs., 1906-31.	ce P, ♂ = ½(2+6+10+14+18+22).

ZONE 7. Table showing the Authorities for the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115.
715	Colima	Tacubaya, Bol. del Servicio Meteor. Mexicano, 1929.	P, ♂, R, 10 yrs., 1917-28.	e P = ⅓(7+14+21). ♂ derived from these hours.
716	Morelia	Do. do.	P, ♂, R, 10 yrs., 1917-28.	e Do. do.
717	Mexico, Tacubaya	Tacubaya, Servicio Meteor. Mexicano, Res. Mens., 1929.	P, 1917-31. ♂, 1900-14; '17-26. R, 1900-24.	q P, ♂ = mean of 24 hrs.
718	Salina Cruz	See No. 715.	P, ♂, 15 yrs., 1907-26. R, 1903-13; '16-29.	e P = ⅓(7+14+21). ♂ derived from these hours.
719	San Salvador	San Salvador, Anales del Obs. Meteor., 1929.	P, 1911-25. ♂, R, 1912-26.	e P = ⅓(7+14+21). ♂ = ¼(7+14+2x21).
720	Belize	MS. data at M.O.	P, ♂, R, 1917-31.	ce P, ♂ = 6h.
721	Jamaica (Negril Pt.)	Jamaica Blue Book, 1929.	P, T, 1898-1932. R, 1895-1929.	c P, ♂ = ⅓(7+15) reduced to mean of 24 hrs.
722	Port au Prince	Port-au-Prince, Bull. Ann. de l'Obs. Météor., 1929.	P, 1865-69; '88-1925. ♂,1864-69; '88-1925. R, 49 yrs., 1863-1925.	ce P = ⅓(7+13+21). ♂ derived from ¼(7+13+2x21).
723	Caracas	MS. data supplied by Obs. Cajigal, Caracas.	♂, 1895-1929. R, 1891-1925.	e P, ♂ = ½(0+6+12+18+24). 67½°W. meridian time.
724	San Juan, Porto Rico	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1929-30 and Monthly Weather Rev., 1929.	P, R, 1899-1928. T, 1898-1928.	nq P = ½(8+20) reduced to mean of 24 hrs. ♂ derived from ¼(M+m).
724a	Grenada (Richmond Hill)	Grenada Govt. Gazette, 1929.	P, 1891-1925. T, 40 yrs., 1887-1929. R, 1891-1929.	e P = ⅓(9+18). ♂ derived from ¼(M+m).A correction of -1·0mb.has beenapplied to the pressure values.
725	Barbados	Barbados Blue Book, 1929.	P, 1916-30. T, 17 yrs., 1912-29. R, 74 yrs., 1853-1929.	c P = ⅓(9+15). ♂ derived from ¼(M+m).
731	São Vincente, C. Verde Is.	Lisbon, Anais do Obs. Centr. Meteor., Vol. LXI. 1923-30.	P, R, 35 yrs., 1884-1921. ♂, 1901-25.	e P = ⅓(9+15+21). ♂ = ¼(9+21+M+m).
732	San Tiago, C. Verde Is.	Do. do.	P, 25 yrs., 1893-1921. ♂, 1921-30. R, 1888-1900; '04-25.	e P (Jan. to Mar., May, Sept. to Dec.) =⅓(9+15+21). P(Apr., June to Aug., Yr.) =⅓(9+15). ♂ = ¼(9+21+M+m).
733	Dakar	Dakar, Service Météor., Obs. Météor., 1929.	T, 1899-1913. R, 25 yrs., 1899-1913; '23-33.	P = ⅓(7+14+21). ♂ = ¼(7+14+2x21).
734	Bathurst (Cape St. Mary)	Gambia Blue Book, 1929.	T, 23 yrs., 1891-1925.	♂ derived from ¼(M+m).
735	Niénébalé	..	..	..
736	Timbuktu (Kabara)	MS. data supplied by Service Centr. de la Météor. Coloniale, Paris.	..	♂ derived from ¼ (M+m).
737	Sokoto	MS. data at M.O.	T, 25 yrs., 1907-33. R, 1904-28.	Do
738	Kaduna Capital	Do.	♂, (Jan., Apr., May, Aug. to Dec., Yr.) 1917-31. T,(Feb., Mar., June, July) 1917-31. R, 15 yrs., 1916-31.	♂ (Jan., Apr., May, Aug., to Dec., Yr.)=9h. ♂ (Feb., Mar., June, July) derived from ¼(M+m).
739	Hadeija	Do.	♂, (Jan., May, June) 10 yrs., 1918-28. T,(Feb., Mar., July to Dec.) 15 yrs., 1907-24. R, 25 yrs., 1904-30.	♂, (Jan., May, June) = 9h. ♂ (Feb., Mar., July to Dec.) derived from ¼(M+m).
740	Maiduguri	Do.	T, 25 yrs., 1906-31. R, 1904-28.	♂ derived from ¼(M+m).
741	El Fasher	MS. data supplied by Phys. Dept., Cairo.	♂, (Apr. to Sept., Dec.) 1920-30. R,1917-31.	g P = ⅓(8+14+20). ♂(Jan. to Mar., Oct., Nov.) =⅓(8+2♂). ♂(Apr. to Sept., Dec.) = ¼(8+14+20+m).
743	El Obeid	Do. do.	P, 25 yrs., 1901-27. ♂ 1901-25. R, 1902-26.	g P = ⅓(8+14+20). ♂ = ¼(8+14+20+m).
743a	Khartoum	Do. do.	P, 1903-27. ♂, 1901-25. R, 1899-1923.	P = ⅓(8+14+20). ♂ derived from ¼(8+14+20+m).
744	Port Sudan	Do. do.	P, ♂, 1905-30. R, 1906-29.	g P = ⅓(8+14+20). ♂ = ¼(8+14+20+m).
745	Berbera, Somaliland	MS. data at M.O.	P, 25 yrs., 1908-34. T, 1908-32. R, 1906-30.	ce P = ⅓(8+14+20). ♂ = ¼(8+20+M+m).

ZONE 7-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115.
746	Aden	Calcutta, India Weather Review, 1929 and MS. data.	P, R, see current data. T, 39 yrs., 1880-1920.	aq P = 8h. ♂ derived from ¼(M+m).
751	Bombay	Calcutta, India Weather Review, 1929, Bombay, Magn. Meteor. and Seism. Obs., 1929 and MS. data.	P, R, see current data. T, 1878-1920.	aq P = 8h. ♂ = mean of 24 hrs.
752	Kodaikanal	See No. 746.	P, R, see current data. T, 21 yrs., 1899-1920.	aq P = 8h. ♂ derived from ¼(M+m).
752a	Bangalore	Do.	P, ♂, R, see current data.	aq Do.
753	Madras	Do.	P, ♂, R, see current data.	aq Do.
754	Vizagapatam	Do.	P, R, see current data. T, 15 yrs., 1888-1921.	aq P = 8h. ♂ derived from ¼(M+m). Pressure values Nov. and Dec. reduced to old height of 11·6m.
755	Port Blair	Do.	P, R, see current data. T, 1867-1920.	aq P = 8h. ♂ derived from ¼(M+m).
756	Rangoon	Do.	P, R, see current data. T, 1876-1920.	aq Do.
757	Cap St. Jacques	Phu Lien, Ann. du Service Météor. de l'Indochine, 1929 and MS. data.	T, R, 1907-31.	d P = ½(1st and 2nd max. + 1st and 2nd min.).
758	Nhatrang	Do. do.	T, R, 1907-31.	d Do. do.
759	Bolinao	Manila Weather Bureau, Monthly Bull., 1929 and MS. data.	P, ♂, 25 yrs., 1902-30. R, 35 yrs., 1886-1928.	c P = ½(6+14). ♂ derived from these hours.
761	Vigan	Manila Weather Bureau, Monthly Bull., 1929.	P, ♂, 25 yrs., 1902-28. R, 35 yrs.,1887-1922.	c P, ♂ = ½(2+6+10+14+18+22).
761a	Manila	Do. do.	P, 1887-1922. ♂, 1885-1928. R, 1865-1928.	P, ♂ = mean of 24 hrs.
762	Ormoc	See No. 759.	P, ♂, 1902-05; '07-27. R, 1902-26.	c P = ⅓(6+14). ♂ derived from these hours.
765	Guam, Ladrone Is.	Do.	P, 1907-21. ♂, R, 1906-30.	P = ⅓(6+14). 120° E. meridian time. ♂ derived from these hours.
766	Saipan	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1929.	..	e P, ♂ = ½(2+6+10+14+18+22). 135°E. meridian time.

ZONE 8.

Table showing the Authorities for the Meteorology of the Globe between Latitude 10° N. and 0°.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115.
805	Fanning Island	MS. data at M.O.	P, 10 yrs., 1921-32. ♂ (Jan., Feb., Yr.) 15 yrs., 1904-24. T, (Mar. to Dec.) 15 yrs., 1904-19. R, 25 yrs., 1903-30.	de P, ♂ (Jan., Feb., Yr.) = 9h. "d" refers to Mar. to Dec.
821	Cristobal	Balboa Heights, Panama Canal Section of Meteor. and Hydrogr., Monthly Meteor. Rep., 1929.	P, 1908-32. T, 25 yrs., 1881-1925.R,1863-74; '81-87. '89-1923.	P, ♂ = mean of bi-hourly observations.
822	Bogota	Bogota, Anales del Obs. Nac. de San Bartolomé, 1929.	P, T, 1923-32. R, 1866-85; '94-1923.	q P = ½(6+8+10+12+14+16+18+20). ♂ = ½(6+8+10+12+14+16+18+20+2m).
822a	Merida, Venezuela	MS. data supplied by Observatorio Cajigal, Caracas.	T, R, 1915-29.	P = ⅓(6+12+21). ♂ derived from ¼(M+m). Pressure appears too high by about 6 mb.
823	Ciudad Bolivar	Do. do.	T, 10 yrs., 1917-28. R, 1917-26.	de P = ⅓(6+12+21).
824	El Peru, Guayanavieja	MS. data at M.O.	P, 15 yrs., 1910-26. ♂, (May, June, Nov., Dec., Yr.) 11 yrs., 1910-22. T, (Jan. to Apr., July to Oct.) 15 yrs., 1910-28. R,15yrs., 1910-25.	de P, ♂ (May, June, Nov., Dec., Yr.) = 7½h. approx. "d" refers to Jan. to Apr., July to Oct.
825	Georgetown, Brit. Guiana	British Guiana Blue Book, 1929.	P, 1887-1929. T, 1846-56; '87-1929. R, 1894-1928.	P = ⅓(7+13+18). ♂ derived from these hours.
826	Paramaribo	De Bilt, K. Ned. Meteor. Inst., Meteor. Obs. Netherlands West Indies, 1929 and MS. data.	P, 1876-1915. ♂, 1899-1928. R, 1847-54; '64-1925.	a P = ⅓(8+14+18). ♂ derived from these hours.
826a	Cayenne	MS. data, supplied by Service Centr. de la Météor. Coloniale, Paris	R, 1859-99; 1903-12.	..
831	10°-5°N. 30°-25°W.	MS. data supplied by Meteor. Inst., Copenhagen; Meteor. Inst., De Bilt; Deutsche Seewarte, Hamburg; Meteor. Office, London and Weather Bureau, U.S. Dept. Agric., Washington, D.C.	P, ♂, Sea Temperature (Jan. Feb., Dec.), 1870-1914; '22-26, (Mar. to May) 1856-1919; '22-26, (June to Nov.) 1870-1926.	P, ♂, Sea Temp. = ⅓(8+20).
833	Konakri	..	..	..
834	Freetown, Sierra Leone	MS. data at M.O.	P, 41 yrs., 1877-1920. ♂ (June, Yr.) T (Jan. to May, July to Dec.) 43 yrs., 1874-1920. R, 1874-1920.	c P (Jan.) = 9h. P (Feb. to Dec.) ♂ (June, Yr.) = ½(9+17). ♂ (Jan. to May, July to Dec.) = ½(17+M+m).
835	Assuantsi	Do.	T, 1921-31. R, 19 yrs.	de P = 9h.
836	Accra	Do.	P, 1921-31. T, (Jan. to Oct.) 25 yrs., 1888-1931.♂,(Nov.,Dec.,Yr.)1925-34.R,4lyrs.	de P, ♂ (Nov., Dec., Yr.) = 9h. "d" refers to Jan. to Oct.
837	Lagos	Do	P, R, 35 yrs., 1891-1926. T, 35 yrs., 1891-1927.	e P = ⅓(9+15). ♂ = ⅓(9+2x15+2m).
838	Victoria, Nigeria	Nigeria Blue Book, 1929.	R, 1922-31. '24-34.	d ..
839	Yola	MS. data at M.O.	T, 25 yrs., 1904-19; '24-34. R, 1904-28.	♂ derived from ¼ (M+m).
841	Wau	MS data supplied by Phys. Dept., Cairo.	P, 1902-20. ♂, 25 yrs., 1902-27. R, 1904-28.	g P = ⅓(8+14+20). ♂ = ¼(8+14+20+m).
843	Malakal (Kodok)	Do. do.	P, ♂, 15 yrs., 1915-30. R, 1915-29.	g Do. do.
843a	Mongalla	Do. do.	P, R, 1903-27. ♂, 1903-29.	gq Do. do.
844	Entebbe	MS. data at M.O.	P, 1904-28. ♂, 25 yrs., 1901-26. R, 35 yrs. 1896-1931.	eq P = ⅓(7+14+21). ♂ derived from ¼(7+14+2x21).
845	Sheikh	British Somaliland Blue Book, 1929.	R, 12 yrs., 1921-33.	..
851	Minicoy	Calcutta, India Weather Review, 1929 and MS. data.	P, R, see current data.	aq P = 8h. ♂ derived from ¼ (M+m).
851a	Cochin	Do. do.	P, R, see current data. T, 1875-1920.	aq Do.
852	Colombo Observatory	Ceylon Govt. Gazette, Suppl. 1929 and Blue Book , 1929.	P, R, 1869-1920. T, 1921-30.	P = ⅓(9½+15½) 82½°E. meridian time. ♂ derived from ¼(M+m).
853	Nuwara Eliya	Ceylon Govt. Gazette, Suppl. 1929 and Blue Book, 1929 and Washington, Smiths. Inst., Misc. Coll., 90,1934.	P, 49 yrs., 1869-1920. T, 1921-30. R, 1869-1920.	e Do. do.
854	Trincomalee	See No. 852.	P, R, 1869-1920. T, 1921-30.	Do. do.
855	Kuta Raja	Batavia, Obs. Secondary Stations, Netherlands East-India, 1929 and Batavia, Regenw., Nederlandsch-Indië, 1929.	P, 1910-24. R, 1879-1928.	P reduced to mean of 24 hrs.
856	Medan	Do. do.	P, 1908; '10-23. ♂, 15 yrs., 1913-28. R, 1879-1928.	t P reduced to mean of 24 hrs. ♂ = mean of bi-hourly observations.

ZONE 8-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115.
857	Penang	Straits Settlements,Meteor.Obs., 1929.	T, 1882-1920. R, 1883-1917.	d
858	Singapore	Do. do.	T, 1898-1932. R, 1869-1920.	cde P = ½(9+15+21).
858a	Singapore (Mt. Faber)	Singapore, Malayan Meteor. Service, Summary of Obs., 1929 and MS. data.	P, 1898-1922.	c P = ½(9+15+21). ☌ = mean of 24 hrs.
859	Sandakan	MS. data at M.O.	T, R, 1879-95; 1904-29.	☌ = ¼(9+15+2x21).
860	Iwahig	Manila, Weather Bureau, Monthly Bull., 1929 and MS. data.	P, ☌, R, 15 yrs., 1914-29.	c P = ½(6+14). ☌ derived from these hours.
861	Tagbilaran	Manila, Weather Bureau, Monthly Bull., 1929.	P, ☌, 25 yrs., 1902-28. R, 1903-27.	c P, ☌ = ¼(2+6+10+14+18+22).
861a	Menado	See No. 855.	P, 1905; '07; '09-21. ☌, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ☌ = mean of bi-hourly observations.
862	Surigao	See No. 861.	P, 25 yrs., 1902-28. ☌, 25 yrs., 1902-29. R, 25 yrs., 1902-27.	c P, ☌ = ¼(2+6+10+14+18+22).
863	Kolonie, Yap	Do.	P, 15 yrs., 1907-22. ☌, 15 yrs., 1906-22. R, 25 yrs., 1905-31.	P, ☌ = ¼(2+6+10+14+18+22). 120°E. meridian time.
864	Palau	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1929.	..	ce P, ☌ = ¼(2+6+10+14+18+22).
867	Ponape	Do. do.	..	e P, ☌ = ¼(2+6+10+14+18+22). 135°E. meridian time.

ZONE 9. Table showing the Authorities for the Meteorology of the Globe between Latitude 0° and 10° S.

902	Atafu	MS. data supplied by Apia Obs., Samoa.	..	t	P = 9h.
920	Lambayeque	Lima, Serv. Meteor. Nac. Res. Obs., 1929.	..	e	P = ½(M+m). Max. generally occurs at 10h. and min. at 16h. ☌ = mean of bi-hourly observations.
921	Quito	Quito, Res. Obs. Meteor., 1929.	P, R, 35 yrs. ☌, 35 yrs. 1891-1928.	q	P, ☌ = mean of 24 hrs.
924	Manaos	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	☌, 1920-29. R, 25 yrs., 1902-28.		☌ = ¼(7+14+2x21).
926	Taperinha	Do. do.	P, ☌, R, 1914-30.		P = ½(7+14+21). ☌ = ¼(7+14+2x21).
927	Turyassu	Do. do.	P, R, 15 yrs., 1912-27. ☌, 1912-26.	q	Do. do.
928	Barra do Corda	Do. do.	P, R, 15 yrs., 1912-28. ☌, 1912-26.	q	Do. do.
929	Quixeramobim	Do. do.	P, 1897-1924. ☌, R, 1896-1930.	q	P = ½(7+14+21). ☌ derived from ¼(7+14+2x21).
930	Fernando Noronha	Do. do.	P, T, 1911-20; '22-26. R, 15 yrs., 1911-27.	q	P = ½(7+14+21). ☌ = ¼(7+14+2x21).
934	Ascension Island	MS. data at M.O.	P, 15 yrs., 1854-65; 1923-34. ☌,15 yrs., 1854-65; 1917-32. R, 25 yrs., 1854-65; '99-1928.	e	P = ½(9+21). ☌ derived from these hours.
939	Loanda	Loanda, Res. Obs., Meteor....de Angola, Boletim Oficial, 1929.	P, 4lyrs., 1879-1925. ☌, 42 yrs., 1879-1925. R, 1879-1925.		P, ☌ = mean of 24 hrs.
940	Brazzaville	..	..		..
942	Tshibinda	MS. data supplied by Ministère des Colonies, Bruxelles.	..		☌ = ¼(8+14+18+M+m).
943	Masaka	MS. data at M.O.	R. 25 yrs., 1902-27.		..
944	Nairobi (Kabete Obs.)	MS. data supplied by Brit. E. Africa Meteor. Service.	T, 1904-20. R, 1908-22.	et	P, ☌ = mean of 24 hrs.
944a	Zanzibar	Calcutta, India Weather Review, 1929 and MS. data	P, R, see current data. T, 1891-1920.	aq	P = 8h. ☌ derived from ½(M+m).
945	Lamu	See No. 944.	T, 15 yrs., 1911-28. R, 25 yrs., 1894-1925.	d	..
947	Seychelles, Port Office	See No. 944a.	P, see current data. T, 1894-1920. R, 1891-1920.	q	P = ½(10+16) reduced to mean of 24 hrs. ☌ derived from ½(M+m).
957	Padang	Batavia, Obs. Secondary Stations, Netherlands East-India, 1929 and Batavia, Regenw. Nederlandsch-Indië, 1929.	P, 1908-22. ☌, 1913-18; '27-30. R, 1879-1928.	t	P reduced to mean of 24 hrs. ☌ = mean of bi-hourly observations.
958	Batavia	Batavia, Obs. R. Magn. and Meteor. Obsy, 1929 and Batavia, Regenw.Nederlandsch-Indië, 1929.	P, ☌, 1866-1923. R, 1864-1923.	et	P, ☌ = mean of 24 hrs.
958a	Pontianak	See No. 957.	P, 1906-30. ☌, 10 yrs., 1912-18; '27-30. R, 1879-1928.	t	P reduced to mean of 24 hrs. ☌ = mean of bi-hourly observations.
959	Pasuruan	Do.	P, ☌, 1901-25. R, 1879-1928.	t	Do. do.
960	Kajoemas	Batavia, Regenw. Nederlandsch-Indie, 1929.	R, 1888-1928.		..
962	Amboina	See No. 957.	P, 1906-30. ☌, 15 yrs., 1912-27. R,1879-1928.	t	P reduced to mean of 24 hrs.☌ = mean of bi-hourly observations.
963	Manokwari	See No. 960.	R, 27 yrs., 1900-28.		..
965	Daru	Port Moresby, Papua Govt. Gazette, 1929-30.	P, 18 yrs., 1894-1922. T, 25 yrs., 1897-1933. R, 35 yrs., 1894-1933.	d	P = 9h.
966	Port Moresby	Do. do.	P, 35 yrs., 1891-1933. T, 25 yrs., 1891-1923. R, 38 yrs., 1891-1930.	d	do.
967	Rabaul	MS. data supplied by Meteor. Bureau, Melbourne.	P, T, R, 1916-31.	d	P = ½(9+15).
969	Tulagi, Brit. Solomon Is.	MS. data at M.O.	T, 25 yrs., 1907-32. R, 35 yrs., 1898-1933.		☌ derived from ½(M+m). Pressure appears unreliable.
970	Ocean Island	Do.	P, 23 yrs., 1905-31. T, 25 yrs., 1905-30. R, 1905-29.	e	P = ½(8+20). ☌ derived from ½(M+m).

ZONE 10. Between latitude 10° S. and 20° S.

1002	Apia, Samoa	Wellington, Rep. for Apia Obsy., Samoa, 1929.	P, 1890-1930. ☌, 1911-30. R, 1890-1924.		P, ☌ = mean of 24 hrs.
1003	Alofi, Niue Island	Wellington, Meteor. Obs. for 1929.	P, 15 yrs., 1907-14; '26-33. T, 15 yrs., 1907-22. R, 25yrs., 1905-31.		P = 9h. ☌ derived from ½(M+m).
1021	Lima	Lima, Serv. Meteor. Nac. Res. Obs., 1929.	..	e	P = ½(M+m). Max. usually occurs at 10h. and min. at 16h. ☌ = mean of bi-hourly observations.
1022	Arica	Santiago, Publ. Inst., Meteor. de Chile, No. 42, Anuario, 1929.	T, 10 yrs., 1914-32. R, 15 yrs., 1903-30.	e	P = ½(7+13+21). ☌ derived from ¼(7+13+2x21).
1024	La Paz, Bolivia	La Paz, Res. Obs. Meteor., 1918-1929 and MS. data.	P, ☌, 1918-32. R, 35 yrs., 1891-1931.		P = ½(7+14+21). ☌ = ¼(7+14+2x21). 60°W. meridian time.
1025	Corumba	MS. data supplied Directoria de Meteorologia,Rio de Janeiro.	P, R, 15 yrs., 1912-27. T, 10 yrs., 1913-27.	q	P = ½(7+14+21). ☌ = ¼(7+14+2x21).
1026	Cuyaba	Do. do.	P, T, R, 1901-25.	q	Do. do.
1027	Bello Horizonte	Do. do.	P, 15 yrs., 1910-26. ☌, 1910-24. R, 15 yrs., 1910-25.	q	Do. do.

ZONE 10-continued.

No.	Name of Station	Authority for Current data	Period of Normals	Remarks For explanation see page 115
1028	Caetite	MS. data supplied by Directoria de Meteorologia,Rio de Janeiro.	P, R, 15 yrs., 1909-26. ☌, 1912-26.	q P = ½(7+14+21) ☌ = ¼(7+14+2x21).
1029	Ondina (Bahia)	Do. do.	P, 15 yrs., 1909-26. ☌, 1911-25. R, 35 yrs., 1880-1929.	q Do. do.
1030	Aracaju	Do. do	P, 15 yrs., 1911-20; '23-29.	q Do. do.
1035	St. Helena	MS. data at M.O.	P, ☌(July to Dec., Yr.) 1892-1920. T (Jan. to June) 1892-1922. ☌, 10 yrs., 1913-25.	eq P = 6½h. ☌ derived from 6½h.
1039	Mossamedes	Loanda, Res. Obs., Meteor....de Angola, Boletim Oficial, 1929.	..	ax P = ½(8+14). ☌ = ¼(9+21+M+m).
1041	Livingstone	Northern Rhodesia Meteor. Rep. 1928-9 and 1929-30 and MS. data at M.O.	P, 10 yrs., 1912-26. T, 1912-21. R,1912-26.	ce P = ½(8+18).
1041a	Elisabethville	MS. data supplied by Ministère des Colonies, Bruxelles.	T, R, 1907-31.	e P = 8h.
1042	Gwelo	MS. data at M.O.	P, 1921-31. T, 1897-1931. R, 1896-1930.	..
1043	Salisbury (Dept. Agric.)	Do.	P, 1908-32. T, R, 1892-1926.	eq P, ☌ = mean of 24 hrs.
1044	Zomba	Nyasaland Govt. Gazette, 1929.	..	de P = ½(9+15).
1045	Mossuril	Lourenço Marques, Relatório do Observatório Campos Rodrigues, 1929.	P, ☌, 1890-1923. R, 1890-1924.	P, ☌ = mean of 24 hrs.
1046	Antananarivo	Tananarive, Bull. Mens., 1929 and MS. data.	P, 1911-14; '16-27; '29-33. T, 1905-30. R, 1904-30.	eq Do.
1055	Cocos, Keeling Is.	MS. data supplied by Meteor. Bureau, Melbourne.	P, T, R, 1902-26.	d P = ½(9+15).
1057	Christmas Island	MS. data at M.O.	P, 15 yrs., 1910-25. ☌, 15 yrs., 1912-27. R, 1879-1928.	e P = ½(9+21). ☌ = ¼(9+21+M+m).
1061	Kupang	Batavia, Obs. Secondary Stations, Netherlands East-India, 1929 and Batavia, Regenw. Nederlandsch-Indië, 1929.	P, 1897-1921. T, 1897-1930. R, 1886-1930.	et P, ☌ = mean of bi-hourly observations.
1061a	Derby	See No. 1055.	P, 1901-25. T, 1899-1931. R, 1891-1930.	P = ½(9+15).
1062	Hall's Creek	Do.	P, T, 1882-1930. R, 1870-1930.	P = ½(9+15). ☌ derived from ½(M+m).
1063	Darwin	Do.	P, 1881-1919. T, 1886-1930. R, 1873-1930.	Do. do.
1064	Daly Waters	Do.	P, 1907; '10-34. T, 1907-34. R, 1890-1934.	Do. do.
1065	Palmerville	Do.	P, 1910-24. T, 1907-30. R, 1872-1932.	P = ½(9+15).
1066	Georgetown, Queensland	Do.	..	Do.
1066a	Willis Island	Do.	P, 15 yrs., 1904-24. ☌ (Jan. to Apr., Oct. to Dec.) 17 yrs., 1904-24. T, (May to Sept.) 15 yrs., 1904-23. R, 25 yrs., 1891-1930. P, T, R, 1886-1928.	P = ½(9+15) ☌ = ¼(9+15+21). P, ☌ (Jan. to Apr., Oct. to Dec.) = 9h. ☌(May to Sept.) derived from ½ (M+m).
1067	Samarai	Port Moresby, Papua Govt. Gazette, 1929-30.		ce P = ½(8½+15½). ☌ derived from ½(M+m).
1072	Suva, Fiji	MS. data at M.O.		

ZONE 11. Table showing the Authorities for the Meteorology of the Globe between Latitude 20° S. and 30° S.

1105	Rarotonga (Avarua)	Wellington, Meteor. Obs. for 1929.	T, 25 yrs., 1899-1926. R, 1899-1933.		☌ derived from ½(M+m).
1121	Punta Tortuga, Coquimbo	Santiago, Publ. Inst. Meteor. de Chile, No. 42, Anuario, 1929.	P, 35 yrs., 1870-1930. ☌, 1899-1908; '10-24. R, 1900-24.	e	P = ½(7+13+21). ☌ derived from ¼(7+13+2x21).
1122	Antofagasta	Do. do.	P, ☌, 1919-28. R, 15 yrs., 1904-25.	e	Do. do.
1123	Catamarca	MS. data supplied by Dirección de Meteorologia, Buenos Aires.	P, 1901-25. ☌, 1904-28. R, 1902-26.	ce	P, (Jan. to Oct.) = mean of 24 hrs. P, (Nov., Dec.) derived from ½(8+18). ☌, (Jan., to Oct.) derived from ½(8+14+20). ☌, (Nov., Dec.) derived from ½(M+m). Pressure values Apr. to Dec. reduced to old height of 510m.
1124	Salta	Do. do.	P, ☌, R, 1901-25.	eq	P, ☌ = mean of 24 hrs.
1125	Goya	Do. do.	P, ☌, R, 1877-1924.	ce	P = mean of 24 hrs. ☌ derived from ½(8+14+20).
1126	Asuncion	Washington, Smiths. Inst., Misc. Coll., 90, 1934 and MS. data supplied by Dirección Meteor., Buenos Aires.	P, 28 yrs., 1893-1924. ☌, 1892-1911; '17-21. R, 40 yrs.	ce	Do. do.
1127	Curityba	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	P, 38 yrs., 1885-1924. ☌, 1885-1916; '20-22. R, 1885-1917; '20-25.	q	P = ½(7+14+21). ☌ = ¼(7+14+2x21).
1128	Rio de Janeiro	Do. do.	P, R, 1851-1925. ☌, 1871-1925.	e	P, ☌ = mean of 24 hrs.
1139	Windhoek	MS. data supplied by Meteorological Assistant, Windhoek.	T, 15 yrs., 1901-23. R, 35 yrs.	eu	P = 8½h. ☌ = ¼(8½+14½+20½+m).
1140	O'Okiep	Pretoria, Meteor. Office Report, 1929 and MS. data.	P, 1900-24. T, 25 yrs., 1900-25. R,1882-1924.	equ	P = 8½h. ☌ derived from ½(M+m).
1141	Kimberley	MS. data supplied by Kimberley Obsy., De Beers' Mining Co.	P, 35 yrs., 1895-1930. ☌, 1897-1923. R, 1894-1928.	eq	P, (Jan. to Mar.) = 8h. P, (Apr. to Dec.) = ½(9+15+21). 22½°E. meridian time. ☌ = mean of 24 hrs.
1141a	Johannesburg	See No. 1140.	P, T, 1904-28. R, 1888-1924.	ceq	P = 8½h. ☌ derived from ½(M+m).
1142	Bulawayo	MS. data at M.O.	P, T, R, 1897-1931.	ceq	P = 8h. ☌ derived from ½(M+m).
1143	Durban	See No. 1140.	P, 1884-1920. T, 1885-1920. R, 1873-1920.	ce	P = 8½h. ☌ derived from ½(M+m).
1144	Lourenço Marques	Lourenço Marques, Relatório Observatório Campos Rodrigues,1929.	P, ☌, 15 yrs.		P, ☌ = mean of 24 hrs.
1147	Mauritius	Mauritius Results of Meteor. Obs., 1929 at Royal Alfred Observatory.	P, ☌, R, 1861-1919.	e	Do.
1159	Onslow	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1897-1921. T, 1897-1930. R, 1886-1930.		P = ½(9+15).
1160	Cue	Do. do.	P, 1897-1926. T, 1897-1930. R, 1895-1930.		Do. ..
1161	Nullagine	Do. do.	T, 1899-1930. R, 1898-1930.		P = ½(9+15). ☌ derived from ½(M+m).
1162	Laverton	Do. do.	P, 1901-25. T, 1901-30. R, 1900-30.	q	Do. do.
1163	Alice Springs	Do. do.	P, 1885-1923. T, 1879-1930. R, 1874-1930.		.. ..
1164	William Creek	..	..		P = ½(9+15). ☌ derived from ½(M+m).
1164a	Boulia	See No. 1159.	P, 1900-24. T, 1898-1931. R, 1886-1932.		Do. do.
1165	Thargomindah	Do.	P, 1910-24. T, 1907-30. R, 1879-1932.		P = ½(9+15).
1166	Mitchell	Do.	P, 1910-14; '18-27. T, 1907-30. R, 1884-1932.		

ZONE 11-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks (For explanation see page 115.)
1167	Rockhampton	See No. 1159.	P, 1889-1923. T, 1898-1931. R, 1871-1932.	d P = ½(9+15).
1168	Brisbane	Do.	P, 41 yrs. T, 1887-1930. R, 83 yrs., 1840-1932.	d P = ½(9+15). t = ½(9+15+21+m).
1170	Norfolk Island	Do.	P, 15 yrs., 1908-27. T, 15 yrs., 1878-84; 1915-27. R, 1887-1912; '15-23.	d P = 9h.

ZONE 12. Table showing the Authorities for the Meteorology of the Globe between Latitude 30° S. and 40° S.

1221	Juan Fernandez	Santiago, Publ. Inst. Meteor. de Chile, No. 42, Anuario, 1929.	T, 18 yrs., 1901-32. R, 17 yrs., 1902-22.	e P = ⅓(7+13+21). t derived from ¼(7+13+2x21).
1221a	Punta Tumbes	Do. do.	P, T, R, 1901-25.	e Do. do.
1222	Punta Angeles, Valparaiso	Do. do.	P, R, 35 yrs., 1869-1928. t, 1911-25.	e Do. do.
1222a	Santiago	Do. do.	P, 1861-1921. t, 1921-30. R, 1867-1921.	e Do. do.
1223	Cordoba	Cordoba, Oficina Meteor. Nacional Sinopsis del Tiempo, 1929 and MS. data.	P, t, R, 1873-1924.	e P, t = mean of 24 hrs.
1224	Bahia Blanca	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, t, 1860-83; '96-1924. R, 1860-83; '85-1924.	e Do.
1225	Buenos Aires (Chacarita)	Do. do.	P, 1858-1924. t, 1856-1924. R, 1861-1924.	e Do.
1226	Montevideo (Prado)	MS. data supplied by Servicio Meteor. del Uruguay.	P, 1901-20. T, R, 1901-20; '25-29.	c P = ⅓(7+14+21). t derived from ½(M+m).
1226a	Porto Alegre	Porto Alegre, Inst. Coussirat, Araujo, Bol. An., 1929.	P, t, R, 1910-24.	e P, t = mean of 24 hrs.
1239	Cape Town	Pretoria, Meteor. Office Report, 1929.	P, R, 1841-1928. T, 1857-1924.	eu P = ⅓(8½+12½+20½). t derived from ½(M+m).
1240	Danger Point	Pretoria, Meteor. Office Report, 1929 and MS. data.	P, 10 yrs., 1918-28. T, 15 yrs., 1910-27. R, 25 yrs.	eu P = 8½h.
1241	Riversdale	Do. do.	T, 10 yrs., 1918-28. R, 49 yrs.	"
1242	East London	Do. do.	P, 1870-1904. T, 1881-1906; '10-19. R, 35yrs., 1877-1914.	ce P = 8½h.
1259	Perth (Observatory)	MS. data supplied by Meteor. Bureau, Melbourne.	P, 43 yrs. T, 1897-1930. R, 1876-1930.	P = ½(9+15). t derived from ½(M+m).
1260	Katanning	Do. do.	P, 1897-1921. T, 1897-1931. R, 1892-1930.	P = ½(9+15).
1261	Coolgardie	Do. do.	P, 1897-1921. T, 1897-1930. R, 1893-1930.	P = ½(9+15). t derived from ½(M+m).
1252	Esela	Do. do.	P, 1879-1918. T, 1878-1927. R, 1876-1927.	Do. do.
1263	Streaky Bay	Do. do.	P, 1890-1924. T, 1891-1930. R, 1878-1930.	Do. do.
1264	Adelaide	Do. do.	P, 71 yrs. T, 1857-1930. R, 1839-1930.	Do. do.
1265	Melbourne	Do. do.	P, 70 yrs. T, R, 1856-1931.	P = mean of 24 hrs. t derived from ½(M+m).
1266	Bourke	Do. do.	P, 1907-29. T, 1878-1930. R, 1873-1930.	P = ½(9+15).
1267	Sydney	Do. do.	P, 69 yrs. T, R, 1859-1931.	P = ½(9+15). t = ½(9+15+21+m).
1268	Lord Howe Island	Do. do.	P, 1914-28. T, 1913-21; '23-28. R, 1897-1912; '15-23.	P = 9h.
1271	Auckland	Wellington, Meteor. Obs. for 1929.	P, 33 yrs., 1863-82; 1916-30. T, 1864-1923. R, 77 yrs.	Do.
1272	Napier	Do. do.	T, 34 yrs. R, 52 yrs.	"

ZONE 13. Between Latitude 40° S. and 50° S.

1301	Chatham Island	MS. data supplied by Meteor. Office, Wellington, N. Z.	P, 1913-14; '20-25; '29-30. R, 25 yrs., 1879-81; '94-1919.	P = 9h.
1321	Isla Guafo	Santiago, Publ. Inst. Meteor. de Chile, No. 42, Anuario, 1929.	P, R, 1908-32. t, 1911-25.	e P = ⅓(7+13+21). t derived from ¼(7+13+2x21).
1322	Punta Galera	Do. do.	P, T, R, 1899-1923.	e Do. do.
1323	Sarmiento	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, 25 yrs., 1903-28. t, R, 1903-27.	e P, t = mean of 24 hrs.
1324	Puerto Madryn	Do. do.	P, 25 yrs., 1902-30. t, 1901-25. R, 25 yrs., 1902-28.	e Do.
1365	Launceston	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1905-29. T, 1889-1930. R, 1886-1930.	P = ½(9+15). t derived from ½(M+m).
1366	Hobart	Do. do.	P, 43 yrs. T, 1871-1931. R, 1841-79; '82-1931.	Do. do.
1369	Invercargill	Wellington, Meteor. Obs. for 1929.	T, 20 yrs. R, 36 yrs.	"
1370	Alexandra	Wellington, Meteor. Obs. for 1929 and 1932.	"	t = mean of 24 hrs.
1371	Dunedin	See No. 1369.	P, 1913-30. T, 66 yrs. R, 73 yrs.	P = 9h.
1371a	Christchurch	Do.	P, 1864-80; 1905-30. T, 42 yrs. R, 53 yrs.	Do.
1372	Wellington	See No. 1370.	P, 65 yrs., 1864-1930. T, 66 yrs. R, 1862-1923.	P = 9h. t = mean of 24 hrs.

ZONE 14. Between Latitude 50° S. and 60° S.

1421	Islota de los Evangelistas	Santiago, Publ. Inst. Meteor. de Chile, No. 42, Anuario, 1929.	P, R, 1899-1923. t, 1899-1908; '10-24.	e P = ⅓(7+13+21). t derived from these hours.
1422	Magallanes (Punta Arenas)	Do. do.	P, 1889-1924. t, R, 1888-1924.	e Do. do.
1423	Punta Dungeness	Do. do.	P, t, 25 yrs., 1900-26. R, 25 yrs., 1903-29.	e Do. do.
1424	Santa Cruz	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, 25 yrs., 1903-31. t, 1901-25. R, 25 yrs., 1896-1925.	e P, t = mean of 24 hrs.
1425	Stanley, Falkland Is.	MS. data at M.O.	P, 15 yrs., 1875-77; 1922-34. T, 15 yrs., 1874-83; 1922-30. R, 35 yrs., 1874-91; 1904-33.	P = 9h.
1426	Cape Pembroke	Do.	P, 1895-1929. t, 35 yrs., 1895-1930.	e P, t = ⅓(4+8+12+16+20+24). No rain gauge.
1429	S. Georgia (Cumberland Bay)	Do.	P, 25 yrs., 1906-32. t, 1905-30. R, 25 yrs., 1906-31.	e P = ⅓(8+14+20). t derived from these hours.

ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, t (Jan., Mar. to Dec.) 1903-27. T, (Feb., Yr.) 21 yrs., 1903-25. R, 25 yrs., 1904-30.	e P, t (Jan., Mar., to Dec.) = mean of 24 hrs. t (Feb.) = ⅓(8+14+20).

NOTES

Unless otherwise stated, the hours of observation refer to Local Mean Time.

a. Maximum thermometer read at hour of morning observation and entered to day of reading.
c. International Zone Time.
d. t derived from table below.
e. M.S.L. reduction applied in M.O.
f. At Cairo, mean temperatures obtained by this formula are 0·7°A. too low.
g. At Khartoum, mean temperatures obtained by this formula are 1·0°A. too low.
k. Absolute maximum taken from observations at fixed hours.
l. Absolute minimum taken from observations at fixed hours.
n. 75°W. meridian time.
q. Pressure differences from normal refer to station level values.
t. Maximum and minimum temperatures from thermograph.
u. 30°E. meridian time.
w. 15°E. meridian time.
x. Greenwich Mean Time.

Normals for which the period is enclosed in brackets have been computed by comparison with neighbouring stations.
The statement that t is derived from a certain combination, means that a correction has been applied to the values given by this combination, to obtain the approximate true mean temperature.
Summary of Wind within the Tropics.- The information is extracted from MS. data at M.O.

REDUCTION TO TRUE MEAN TEMPERATURE

The following references give the more important authorities for the corrections which have been applied to reduce the temperature, either means of observations at fixed hours or means of maxima and minima, to true mean.

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The following table gives approximate corrections for the limits 30° N. to 30° S. to reduce ½ (M + m) to true mean temperature (t), taking into consideration the height and the daily range (M - m). It can be applied in cases where no other correction is available, and has been so used in the tables in this issue.

Daily Range	Height in Metres.							
	0	500	1000	1500	2000	2500	3000	3500
°A	°A	°A	°A	°A	°A	°A	°A	°A
4	- ·35	- ·42	- ·49	- ·56	- ·63	- ·70	- ·77	- ·84
6	- ·42	- ·50	- ·58	- ·66	- ·74	- ·82	- ·90	- ·98
8	- ·52	- ·59	- ·65	- ·72	- ·78	- ·85	- ·91	- ·98
10	- ·64	- ·67	- ·70	- ·73	- ·76	- ·79	- ·82	- ·85
12	- ·79	- ·76	- ·73	- ·70	- ·67	- ·64	- ·61	- ·58
14	- ·97	- ·85	- ·73	- ·61	- ·49	- ·37	- ·25	- ·13

SUMMARY OF WINDS WITHIN THE TROPICS—1929

Month	FANNING ISLAND 805		SIERRA LEONE 834				ENTEBBE 844				ASCENSION ISLAND 934			
	9h.		9h.		17h.		7h.		21h.		9h.		21h.	
	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal
January	135° (99)	115° (82)	5° (16)	65° (29)	50° (28)	240° (42)	350° (28)	275° (14)	235° (12)	230° (42)	140° (89)	125° (81)	140° (88)	125° (76)
February	130° (95)	100° (80)	165° (32)	285° (14)	55° (59)	235° (71)	300° (18)	250° (17)	215° (35)	220° (42)	140° (90)	125° (79)	140° (94)	125° (73)
March	110° (80)	90° (81)	110° (30)	275° (27)	45° (65)	235° (72)	220° (31)	250° (30)	230° (37)	225° (43)	140° (93)	130° (81)	140° (96)	130° (79)
April	100° (78)	90° (82)	125° (19)	280° (23)	65° (64)	240° (73)	240° (37)	235° (37)	220° (30)	220° (40)	130° (90)	125° (83)	125° (93)	125° (75)
May	100° (72)	100° (75)	165° (22)	330° (9)	55° (35)	235° (63)	315° (26)	225° (26)	190° (32)	215° (36)	130° (90)	125° (85)	130° (90)	125° (78)
June	110° (71)	115° (77)	280° (6)	50° (19)	260° (81)	225° (48)	80° (21)	240° (32)	175° (27)	215° (40)	125° (91)	125° (84)	125° (89)	125° (81)
July	125° (82)	120° (81)	230° (22)	245° (11)	225° (78)	230° (60)	340° (40)	260° (13)	195° (33)	200° (35)	130° (88)	125° (82)	130° (94)	125° (78)
August	130° (94)	125° (84)	210° (35)	235° (27)	225° (77)	230° (68)	325° (45)	340° (20)	200° (20)	200° (32)	135° (87)	125° (82)	140° (92)	125° (77)
September	140° (88)	130° (86)	210° (8)	305° (2)	225° (76)	230° (61)	15° (58)	335° (25)	265° (58)	230° (33)	135° (87)	125° (83)	145° (91)	125° (78)
October	140° (80)	135° (81)	35° (26)	60° (32)	225° (58)	235° (47)	360° (35)	310° (23)	255° (41)	240° (36)	145° (86)	125° (84)	140° (91)	125° (79)
November	130° (94)	125° (80)	45° (11)	60° (33)	220° (32)	235° (49)	335° (41)	295° (22)	250° (51)	240° (35)	135° (86)	125° (85)	135° (87)	125° (85)
December	135° (77)	115° (80)	60° (67)	60° (35)	215° (27)	245° (41)	305° (37)	285° (29)	255° (42)	235° (40)	140° (85)	130° (82)	145° (86)	125° (79)
Year	125° (82)	115° (79)	115° (9)	20° (7)	210° (10)	235° (57)	330° (23)	270° (19)	230° (30)	225° (37)	135° (88)	125° (83)	135° (90)	125° (78)
Period of Normals	15 yrs., 1909-30.		15 yrs., 1910-25.				1914-28.				10 yrs., 1923-33.			

Month	TULAGI. 969		OCEAN ISLAND. 970				APIA, SAMOA. 1002			St. HELENA * 1035		SUVA, FIJI. 1072		
	9h.		8h.		20h.		9h.		15½h.	6½h.		8½h.		15½h.
	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Resultant	§Normal	§Resultant	§Normal	§Resultant
January	330° (64)	320° (15)	75° (56)	65° (45)	80° (15)	70° (34)	55° (25)	75° (27)	35° (29)	170° (87)	142° (92)	75° (52)	90° (45)	95° (78)
February	275° (28)	310° (20)	100° (52)	75° (54)	105° (15)	75° (48)	100° (50)	65° (24)	100° (27)	160° (90)	141° (90)	65° (66)	80° (45)	70° (72)
March	95° (47)	320° (11)	85° (76)	75° (58)	90° (41)	75° (46)	90° (38)	75° (37)	65° (31)	175° (84)	142° (88)	45° (33)	80° (37)	85° (38)
April	75° (69)	125° (31)	100° (64)	80° (68)	150° (4)	75° (54)	70° (24)	95° (48)	65° (48)	165° (85)	138° (89)	20° (29)	90° (49)	75° (67)
May	115° (65)	130° (66)	85° (81)	85° (72)	95° (44)	85° (55)	120° (32)	105° (56)	85° (39)	160° (82)	139° (86)	95° (24)	100° (47)	120° (46)
June	120° (79)	130° (81)	65° (84)	90° (70)	65° (87)	85° (57)	100° (84)	100° (61)	95° (79)	165° (87)	136° (84)	80° (57)	95° (43)	95° (75)
July	120° (88)	135° (81)	75° (86)	90° (54)	75° (80)	85° (49)	110° (57)	100° (63)	105° (80)	160° (87)	139° (86)	80° (37)	95° (46)	125° (56)
August	130° (97)	135° (79)	90° (72)	95° (59)	95° (75)	95° (55)	120° (74)	100° (76)	110° (70)	160° (55)	141° (89)	125° (47)	105° (47)	135° (65)
September	135° (99)	135° (76)	120° (52)	95° (52)	135° (25)	85° (43)	85° (50)	95° (70)	105° (50)	155° (89)	143° (91)	100° (34)	105° (57)	130° (57)
October	115° (77)	135° (74)	105° (67)	95° (44)	95° (17)	85° (25)	100° (62)	95° (66)	100° (71)	155° (92)	145° (92)	85° (54)	100° (60)	115° (59)
November	125° (70)	130° (45)	135° (13)	80° (23)	270° (29)	60° (14)	90° (66)	80° (56)	95° (60)	155° (92)	142° (93)	100° (71)	100° (62)	120° (81)
December	125° (68)	130° (12)	335° (32)	65° (35)	285° (37)	65° (28)	85° (59)	90° (44)	90° (50)	145° (89)	144° (91)	110° (60)	100° (51)	120° (69)
Year	115° (54)	130° (42)	85° (55)	85° (52)	85° (27)	80° (42)	95° (50)	90° (52)	90° (51)	160° (84)	141° (89)	85° (43)	95° (49)	105° (60)
Period of Normals	1909-23.		1921-30.				1922-31.			1893-1920.		45 yrs., 1883-1928.		

§Direction and "Constancy". For explanation see Introduction.
*Normal refers to 9h. at the old site of St. Matthew's Vicarage.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC—1929

MONTH	KARA SEA.†		BARENTS SEA.†		GREENLAND SEA.†	
	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3
April	255	255	1406	1155	1119	1157
May	255	255	1299	981	975	1062
June	255	253	1095	941	775	921
July	236	240	436	519	658	718
August	120	137	357	320	714	551
Period of Normals	1895-1915.		1895-1915.		37 yrs., 1877-1915.	

MONTH	ICELAND.†				NEWFOUNDLAND BANKS †† (south of 48° N.)	
	No. of days with ice.		Normal no. of days with ice.		Number of Icebergs.	
	Visible	Heavy	Visible	Heavy	Observed	Normal
January	0	0	3	1	0	3
February	0	0	4	0	0	10
March	0	0	5	2	45	36
April	0	0	6	1	332	83
May	0	0	6	1	460	130
June	7	0	7	1	376	68
July	31	14	4	0	107	25
August	21	0	2	0	1	13
September	1	0	0	0	1	9
October	0	0	0	0	0	4
November	0	0	0	0	18	3
December	0	0	0	0	12	2
Year	60	14	37	6	1352	386
Period of Normals	1901-25.				1900-26.	

†Isforholdene i de arktiske Have, 1929, published by the Danish Meteorological Institute.
††International ice observations and ice patrol service in the North Atlantic Ocean, 1929.

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